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ABSTRACT

A timely and informative resource guide for K-12 teachers of career awareness activities, the booklet lists New Jersey historic sites, traditional craft demonstrations, and related displays of old tools. The first section explores the revival of interest in old occupations and crafts of earlier times, resulting in the development of an appreciation for modern methods of production. Also featured are craft fairs sponsored by various organizations, which can be used by teachers. Contact persons are listed. Twelve of New Jersey's historic sites and museums are described with such relevant information as the hours the sites are open, when tours are scheduled, and a description of the special features of each historic site. Also listed are 75 craftsmen willing to give demonstrations which can be seen at craft fairs, historic sites, or their own workshops. Additional resource materials are cited, including information on some models to make and things to do related to early New Jersey life, and printed resources helpful for understanding New Jersey's historic occupations. (BP)

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HISTORIC New Jersey Occupations

A rich resource for the Career Awareness of today's children & youth

by

Edwin York and Conrad Johnson

A teacher's guide to K-12 career awareness activities through New Jersey historic site visitations, traditional craft demonstrations, and related displays of old tools.

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
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New Jersey State Department of Education
Division of Vocational Education
225 West State Street
Trenton, N.J. 08625

August, 1974

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About this publication . . .

If a publication is timely and informative, it qualifies as worthwhile on at least two important points. *Historic New Jersey Occupations* measures up on both points. With the Bicentennial rapidly approaching, this sourcebook for teachers is particularly timely. We think readers will find it highly informative.

This publication is designed for teachers in our school systems in order to encourage meetings and exchanges of views between New Jersey students and our traditional craftsmen.

I offer my congratulations to the persons responsible for the publication and my best wishes for continued success to all those engaged in preparing New Jersey's youth for satisfying and productive careers.

DR. FRED G. BURKE
Commissioner of Education

About K-12 career development . . .

It is a complex and long-term task for an individual in our society to develop his or her maximum career potential.

The following areas of development ordinarily are to be expected as a person moves from pre-school through a wide succession of experiences to some type of employment:

- educational/occupational skills
- career-awareness
- self-awareness
- work attitudes and habits
- decision-making process
- socio-economic and technological understandings

This publication focuses on only one aspect of such career development – career awareness, which can be defined as the broad perception of a number of possible career fields, and a growing knowledge of their requirements, advantages and disadvantages.

Through the human resources listed here, New Jersey career development efforts should be considerably personalized and should benefit from a rich historical and cultural emphasis.

STEPHEN POLIACIK
Assistant Commissioner of Education

About

Edwin York and

Conrad Johnson . . .

This partnership was a happy as well as a productive one. Edwin York, Director, New Jersey Occupational Resource Centers in the New Jersey Department of Education, Division of Vocational Education, contributed his skills in information gathering and organizing. Conrad Johnson, Professor of Industrial Education and Technology, Trenton State College, contributed his long-term interest in tools, hand crafting and historic trades.

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1. EXPLORING HISTORIC OCCUPATIONS

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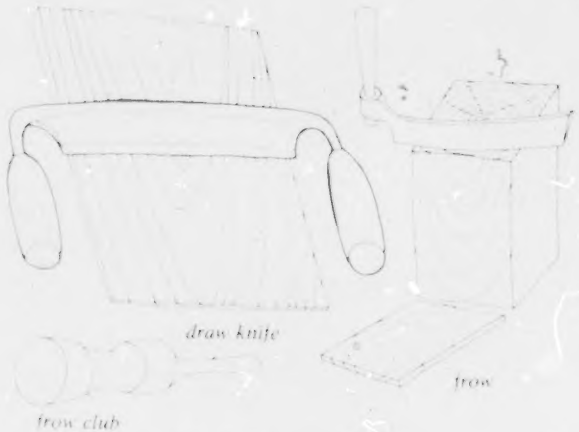

The shingle-maker's tools

During the past five years, there has been a considerable revival of interest here in New Jersey in the old occupations, and the basic craft activities of earlier times.

Many craft fairs have been staged and enthusiastically attended by thousands of people in this state and throughout the nation. Whole villages have been recreated or created which feature live demonstrations of many basic crafts by which people of past generations provided themselves with food, clothing and shelter.

People attend such demonstrations for many reasons but the most pertinent reason is apparently to gain information and inspiration. There is indeed a wealth of information and inspiration to be gained from those who are willing to demonstrate their occupational skills and share their craft knowledge and experiences.

Our basic needs today are, for the most part, met with mass produced products. Our food, clothing and shelter are largely mass produced. This is true to such an extent, that today relatively few people have occasion to consider where everyday items really come from, of which materials they are made, what the sources are for those raw materials or how human hands arrange to fashion the items.

Yet what valuable sources of information such items as the following represent: pencils, paper, books, toothpicks, shingles, baskets, rope and woolen goods, to name only a few.

If an inexperienced person were to go to a modern woolen mill today, he or she would undoubtedly be totally overwhelmed by its great size, the vastness of its complicated machinery, and the speed with which a seemingly endless quantity and variety of cloth is produced. It would be much too much for the uninitiated to begin to understand except in a rather superficial way.

If, however, one could watch a sheep being shorn, could handle the raw wool, could pull it apart and twist a bit of it into yarn with one's own fingers, he or she might readily gain some interest and basic understanding of the process. He certainly would soon discover that to try to produce a quantity by this means would indeed be a very tedious and time-consuming procedure.

Woolen yarn making was discovered centuries ago by people who decided to do something about a daily problem. They came up with the idea of twisting the yarn using a stick deftly twirled with one's fingers. By adding a weight to the end of the stick they were able to twirl it more efficiently and thus the so-called "drop spindle" was created.

Next came the idea of twirling the stick still more efficiently by setting it horizontally, (each end in a

Splitting shingles

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bearing in which it could turn freely), the turning being accomplished by attaching a pulley and treadle. The result was the first spinning wheel! And what an achievement that was! The spinning wheel is a wonderfully efficient machine for making yarn with the fingers alone.

Just as the modern fabrication of a piece of woolen cloth can be more readily appreciated if the original procedures for producing it can be observed and understood, so can many other processes be studied and readily understood. For example, how are today's shingles produced? What are the jobs of the various people who help to produce shingles—or toys, baskets, chairs, nails or rope?

So much more than an understanding of old occupations goes into today's career decisions that it would not be realistic to overstate the value of such information and insight. However, there are certain desirable qualities, characteristics and attributes of an effective worker which are common requirements for nearly any job. Curiosity, discipline, determination to succeed, initiative and ambition: these are extremely important attributes which must be taught, learned and practiced by anyone who is to be successful and derive some satisfaction from his choosen career. Much of this is evident in the lives, activities and products of the old craftsmen.

Those old craftsmen did take pride in their work. "Why can't we train a new generation of plumbers, mechanics, and repairmen to take pride in their work?"—asks L. E. Sissman in his article "Made by Hand" (Atlantic Monthly, June '73). He further states—

> "We must stop our schools from mindlessly training minds and ignoring hands. We must make it equally reputable for boy or girl to practice carpentry and law. We must start early to teach children the creative joy of working with their hands guided by their minds and not minds alone. And we must have vocational schools that are not simply second-class alternatives for college rejects but places to learn love for craftsmanship. And excellence in it."

Shaping shingles

Just recently, it was my pleasure to witness the reactions of a man and his wife as they visited for the first time in their lives, a small sawmill in operation, and later in the day, the Volendam Windmill, in Holland Township, New Jersey.

Wood, boards and planks, mostly in the form of finished houses and furniture, they had known all their lives. Never before, however, had either of them thought much of how trees are processed into the lumber from which wooden items are made.

They were fascinated to see the man and wife team at the Silver-Thorn Lumber Mill handle large logs to produce lumber, and "with such little apparent effort," as they put it.

As one pauses to consider that "so little effort," he soon becomes aware of the abundance of understandings, the practical knowledge, that makes it all possible. Among others, these would include understandings of materials, their sources, characteristics, understandings of scientific principles, mechanical advantage, friction, mechanics and construction. What a lot of lessons to learn! Years of learning!

Their visit with Mr. and Mrs. Jorgensen, builders of the Volendam Windmill, was also an exciting adventure. They marveled at the mill's great size, its graceful form, its construction, the mill stones, gears, sifters and the numerous other important details which constitute a windmill.

They just couldn't get over the idea that a man could become so deeply engrossed in the project, so able and willing to undertake such an enormous task, and to have the will, the determination and the devotion to accomplish it in such grand fashion! How desperately the world is in need of such workers today!

Obviously these were thrilling experiences for the two adults involved. These experiences are, however, typical of the hundreds of educational opportunities readily available in our state to schools, parents and children. Such fascinating sources of motivation, information and inspiration can be yours. To encourage such experiences for all the school students of New Jersey is the reason for this publication.

Conrad Johnson

2. CRAFT FAIRS ARE GREAT

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Many communities, groups and agencies sponsor area or county craft fairs on a weekly, monthly or annual basis. Make a contact with appropriate local and county historical committees, societies and commissions for information about craft fairs being sponsored this year in your area.

Besides the craft fairs featured below, we have also heard about such events having been sponsored recently by the Hopewell Museum, the Plainfield Public Library, the Washington Crossing Historical Society, Mount Holly, Burlington and Bordentown.

Cumberland County Historical Society Craft Fair and Demonstrations at Millville

Since 1969, this historical society has sponsored a craft demonstration program. Every Sunday from the first of April to the end of October (plus one Sunday in December), they have two buildings ready for the public: one with craft demonstrations and the other with a borrowed collection of antiques.

Currently, these old crafts are being demonstrated: carding, dyeing, spinning, weaving, candle dipping, and glassblowing. The crafts demonstrated change week to week.

Their annual craft fair is usually held on the third weekend of September at the Cumberland County Fair Grounds in Millville, New Jersey. A recent program brochure of this annual event listed 46 demonstrators, including:

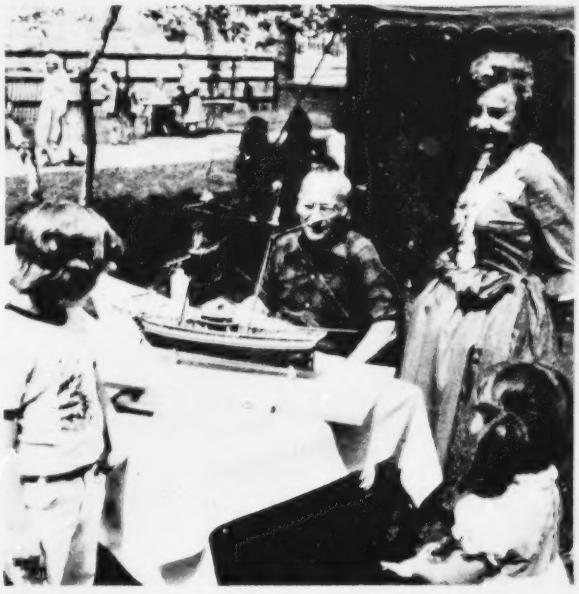
candles	clocks
wood carving	blacksmith
embroidery	pottery
glassblowing	rugs
baskets	jewelry
wood working	leaded glass
harpin lace	leather
died flowers	spinning and weaving
corn husk dolls	pewterer
wooden shingle making	dolls and toys
apple press	chair rushing

For announcements, write the Cumberland County Historical Society, Box 15, Greenwich, New Jersey 08323.

Trent House Craft Days
539 South Warren Street
Trenton, New Jersey 08625

Annual craft days are held in the spring. Several dozen craftsmen demonstrate a wide variety of historic trades. Among those recently demonstrated were: beekeeping; blacksmithing; bookbinding; crewel; gunsmith; herbs; model sailing ships; pewter making; potter; quilting; spinning; wood carving; and wood turning.

Phone Mrs. Mary Scammell, Curator of the Trent House for current plans for the next spring craft day: 609-695-5939.



Dey Mansion Craft Demonstrations
Wayne, New Jersey

Crafts are demonstrated on Saturdays and Sundays to correspond to the activities appropriate for the season. During the course of the year, these crafts are typical: spinning; horseshoeing; candlemaking; lace making. Special events such as Tulip Time, Harvest Day and St. Nicholas' Lighting of the Tree are traditional here.

Phone Curator Raymond Dey for the current program: 201-696-1776.

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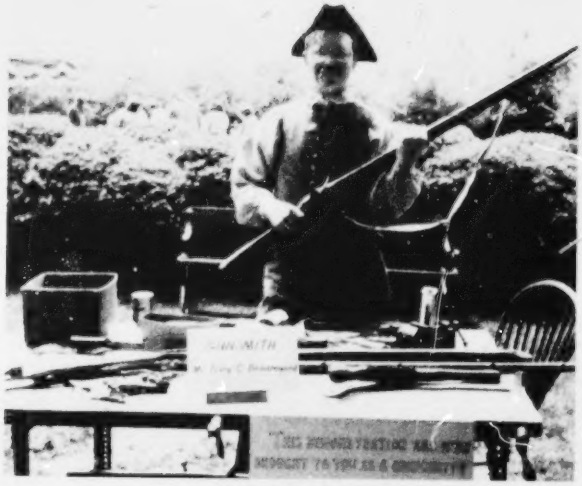


Colonial Crafts for Children

The Spring 1974 Technology for Children Teacher's Workshop of the Salem City Career Education Program

Held from 4:00 to 8:00 P.M. on March 13, 1974, this training program for teachers included six different colonial crafts suitable for use with elementary students. Eleven teachers were instructors for the event, under the leadership of Dr. George W. Johnson. Technology for Children is an elementary school program emphasizing student initiative in learning and career awareness in the broadest sense.

The traditional activities were colonial signs, quilting, samplers, macrame, woodworking and candles. Each teacher was able to participate in three areas.

To secure copies of the following, contact Miss Marie Jantos, Technology for Children Project, Room 306, New Jersey State Department of Education, 225 West State Street, Trenton, New Jersey 08625.

- "Hand-Dipped Candles" and "Colonial Taper Candles"
- "Rushing Stool Seat" and "Rush Stool"
- "Colonial Signs"
- "Cross Stitch Embroidery"

For suggestions on sponsoring such a teacher training event, phone Dr. George W. Johnson, Director, Career Education Program Office: 609-935-7545.

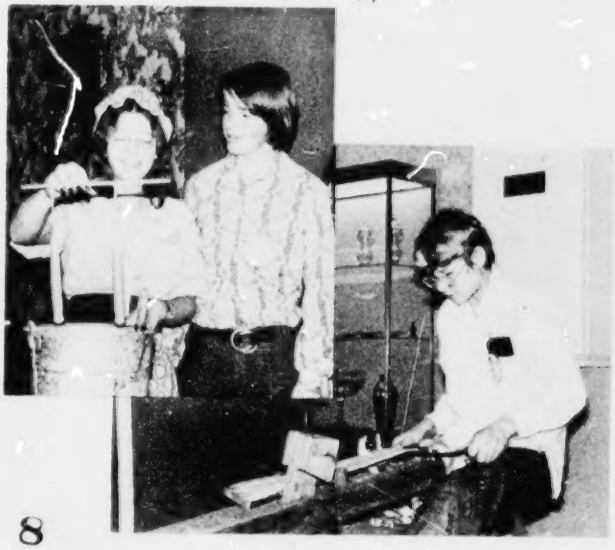
Jerseymen Club Craft Fairs

Local history clubs in Junior and Senior High Schools throughout New Jersey participate in "The Jerseymen," a state-wide association of students which is sponsored by the New Jersey Historical Society. Many of these Jerseymen clubs are related to historic house museums and do restoration and preservation work in cooperation with adult historical groups. Sometimes they conduct land mark searches in which they attempt to discover a house or site which should be recognized as an important historic site in New Jersey and/or the nation.

Historical occupations have been emphasized by the Jerseymen program for a number of years. An annual craft fair, usually in December, features student demonstrations of "lost" crafts at the New Jersey Historical Society's museum at 230 Broadway in Newark. The April History Fair at the Society's museum displays students' dioramas, models, furnishings, and audio-visuals which illustrate New Jersey or American history.

Recent student-made models included houses, forts, a printing press, forges and a furnace. They are challenging projects, since no kits are allowed.

For information about the fair displays or demonstrations, or the Jerseymen program, phone Miss Joan Hull at 201-483-3939.



3. HISTORIC SITES AND MUSEUMS YOU MUST VISIT

A Unique Museum . . .

THE MUSEUM OF EARLY TRADES AND CRAFTS

Main Street at Green Village Road
Madison, New Jersey 07940
Phone 201-377-2982

BEST COPY AVAILABLE

Open: 7 days per week, Mon.-Sat. (10:00-5:00) and Sun. (2:00 to 5:00); but closed Sun. and Mon. from July 1 through Labor Day, and closing at 4:00 on the days open during that period. Also closed on all major holidays.

Tours: (one hour) during the school week are at 10:00 A.M., 11:15 A.M., 1:00 P.M., 3:30 P.M. (or 4:00 P.M.)

Groups are required to make reservations by phoning the Museum in advance. There is no admission

Description

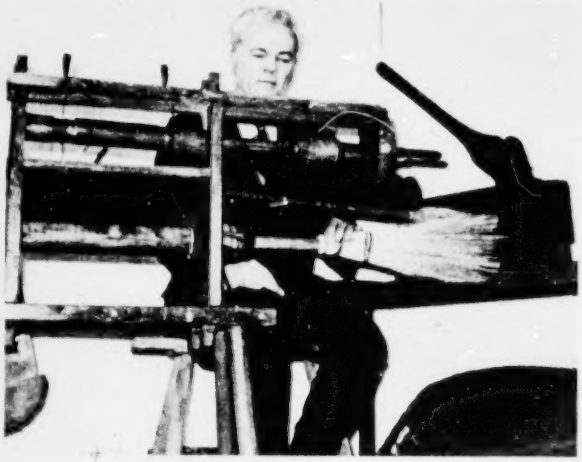
The Museum of Early Trades and Crafts preserves and presents the life of the early settlers, their crafts and their trades. Its purpose is to encourage a better understanding, especially among the young people, of the life and work of early America, in the home, on the farm and in the shop.

The Museum covers the first four or five generations of settlers, which included the periods before, during and after the Revolution. The Museum has become one of the leading bicentennial attractions in New Jersey. It helps call attention to this important geographical area in our country's history.

An important feature of the Museum is its lecture tours through the reconstructed shops of the early trades. Topics are covered with particular attention to the interest and age level of each visiting group. A few examples of topics covered include: what brought the first families to settle the area, their hardships, their shelter, their food, their clothes, their trades, the growth of communities, barter, the apprentice and many other pertinent subjects helpful to the study of early America in the classroom. It is an experience that cannot be put into a textbook.

Displays and shops are changed regularly. Only about ten percent of the collection is on display at one time. The collection, unequaled in New Jersey, includes thirty-four trades and endless home crafts. Most home crafts were seasonal and are displayed at the corresponding time of the year.

Reconstructed shops of the early trades (17th or 18th century) recently displayed were: the kitchen; cobbler shop; wet cooper shop; clock repair shop; broom maker's shop; combing and spinning flax shop; blacksmith's shop; and cabinet maker's shop.



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Special displays of old tools used in the early trades and crafts are as follows: cabinet maker's tools; early school artifacts; coins; and ironware, pewter and woodenware.

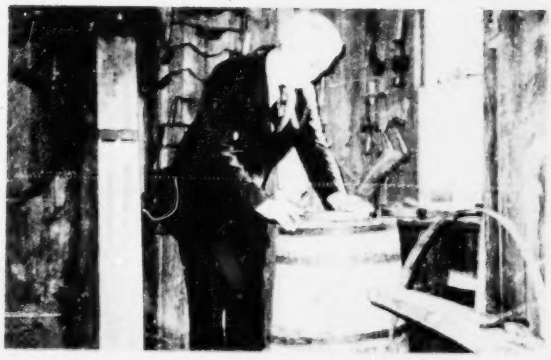
Mr. Edgar L. Land is the Director of this unique museum. A host of local volunteers form his staff.

The present displays of historic tools represent the following early trades and crafts:

Sawyer
Tanner
Potter
Carpenter
Joiner
Cabinetmaker
Mason
Stone Cutter
Blacksmith
Wheelwright
Carriagemaker
Silversmith
Bookbinder
Candlemaker
Surveyor
Cheesemaker
Chainmaker
Printer
Teacher
Tailor
Cobbler
Cooper:
- Wet Cooper
- Dry Cooper
- White Cooper

Harnessmaker
Tinsmith
Hatter
Broommaker
Weaver
Turner
Farrier
Currier
Iron workers:
- Iron Monger
- Bloomer
- Patternmaker
- Puddler
- Molder
- Caster

Locksmith
Slater
Brickmaker
Basketmaker
Bowlmaker
Stiller
Miller
Fuller
Millwright
Gunsmith



The museum is still collecting and researching many other trades in preparation for exhibiting:

Braizer
Doctor
Minister
Baker
Grafter
Goldsmith
Papermaker
Glassblower
Beekeeper
Ropemaker
Charcoal Burning
Lime Burning
Cider Pressing
Ice Cutting
General Store
Brewer
Jeweler

Pewterer
Shipbuilder
Sailmaker
Watchmaker
Clockmaker
Coppersmith
Mapmaker
Attorney
Farmer
Tobacconist
Skinner
Saddler
Dyer
Barber
Confectioner
Teamster
Plasterer

(Established: 1969)

A Restored Village of Early American Craftsmen . . .

LIBERTY VILLAGE

2 Church Street
Flemington, New Jersey 08822
Phone 201-782-8550

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Open: 7 days per week, Mon.-Sat. (10:30-5:30) and Sun. (11:00-6:00); but closed on Mon., Thurs., Fri. during Dec., Jan., Feb., and Mar. Also closed on New Year's, Easter, Thanksgiving and Christmas Day.

Groups are required to make reservations. For a group registration form, phone or write Liberty Village: attention Barbara Ferrell. A minimum of 20 constitutes a group. One adult is required for each ten students. The current group rate is $1.00 per student or chaperone.

Description

As a recreation of an 18th century village in Colonial America, Liberty Village has as the third of its six historical and patriotic purposes:

"to demonstrate the arts and crafts developed by our early settlers . . . and in so doing, to kindle a thirst for vocational knowledge in those who are more equipped to prosper through vocational skill rather than academic skills. Our village clearly shows the pride of the craftsmen creating quality products. We must reawaken in America the pride of craftsmanship in all industries." (p. 5 in Theodore C. Merrit, Sr. and George R. Benson, Jr., *Liberty Village and the Free Enterprise System . . .*, Liberty Village, 1973)

About a dozen recreated or restored buildings house an important series of craftsmen and museums. The craftsmen included are:

- a silversmith
- a glassblower
- a blacksmith
- a candlemaker
- a gunsmith
- a weaver-spinner
- a cabinetmaker

The museums display a wide variety of old objects and implements, such as:

- buttons
- carpenter's tools
- furniture
- household objects
- farm implements
- weapons and military gear
- porcelain
- glass
- silver

A mini-course program has recently begun at the Village. For information, contact Mr. George R. Benson, Jr., Educational Director.

(Established: 1972)

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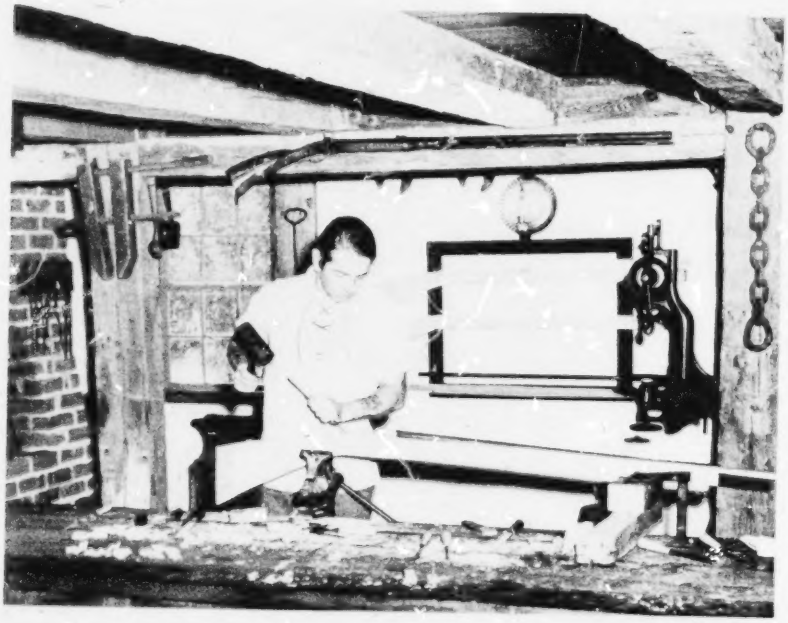

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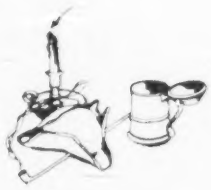
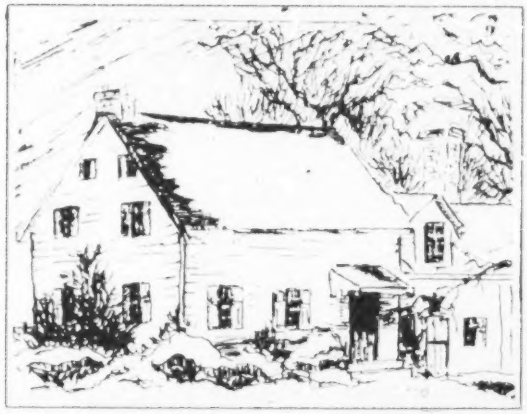
The Life of A Farmer and His Family . . .



MILLER-CORY HOUSE
614 Mountain Avenue
Westfield, New Jersey 07090



Open: for craft demonstrations and house tours: Sundays, 2:00 to 5:00 P.M. during the school year; Thursdays, 9:00 to 5:00, during July and August

Tours: Groups of all ages and types by appointment during the week; trained, costumed guides lead the touring groups; for scheduling a tour, write Miller-Cory House, Box 455, Westfield, New Jersey 07090.

Description

The Miller-Cory House is an 18th Century farmhouse in Westfield, New Jersey, owned by a citizen's group. It is operated as a living museum by dedicated volunteers who aim to recreate as closely as possible the daily life and seasonal work of a farm family in the West Fields of Elizabethtown during the colonial period.

Besides the restored early American Farmhouse, visitors can also see a varied number of historic crafts, such as hearthside cooking, knitting, spinning, apple paring, butter churning, beam hewing, splitting logs, and husking and shelling corn.

Staff person visit schools throughout the state to conduct learning experiences with historic crafts. Also the following "how-to sheets" are for sale from the Miller-Cory House, each for 25¢:

- Butter Churning
- Sugaring-Off
- Toys
- Spinning
- Weaving
- Tinsel Painting and Theorem Painting
- Pierced Tin
- Candle and Wax Craft
- Whittling
- Needlework
- Cheese Making

Perhaps the speciality of these volunteers is colonial cooking at their authentic cooking hearth. You can get their recipes (25¢ each) for Indian pudding, maple syrup making, sorrel soup, baked fish with bull thistle stuffing, fiddleheads (braised ferns), dandelions, rhubarb pie, spider cornbread, horseradish, and sassafras tea. While visiting there, we enjoyed their freshly made cheese, gingerbread and cookies.

Other publications of interest are: "Background Information on Costumes" and "More Information on Costumes" (each 25¢); and also "18th Century Crafts and Tasks" (18 p.; $2.00) for adult school use.

The Life of A Soldier . . .

THE OLD BARRACKS

(Around the corner from the State Capitol)

South Willow Street
Trenton, New Jersey 08625
Phone 609-396-1776

BEST COPY AVAILABLE

Open: Daily except for Thanksgiving, December 24 and 25, January 1, and Washington's Birthday.
Hours: May through October, 10:00 to 5:00 on weekdays and 1:00 to 5:00 on Sundays; November through April, 10:00 to 4:30 on weekdays and 1:00 to 4:00 on Sundays.

Tours: No admission charge for school groups; reservations should be made ahead of time for tours (phone 609-396-1776); one adult free with every ten school students and 50¢ each for additional adults.

Description

In Trenton, or Trent's Town as it was known in colonial days, is one of New Jersey's best known landmarks, the Old Barracks.

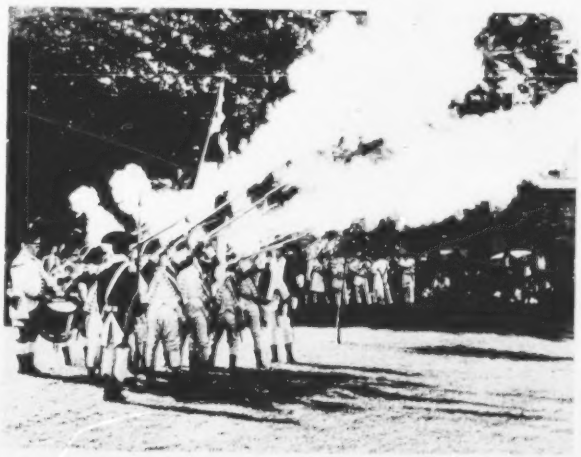
This handsome field stone structure was built in 1758, during the French and Indian War, to prevent the forcible billeting of British soldiers on private householders. The first troops, the Inniskilling Regiment of Foot, composed mainly of Irishmen, occupied the building in December 1758, although the building was not entirely completed until March 1759.

Soldiers and officers used the Barracks during the winter months until the close of the war between England and France in May 1763, when British forces were no longer needed in the colony. The economy-minded assembly ordered the Barrack master to sell the furnishings and rent the buildings.

The outbreak of the Revolution brought the Trenton Barracks back to its original purpose. It was occupied by British troops, Hessian mercenaries and American soldiers depending on who had control of the territory. The Battle of Trenton was fought not far from its doors in the early morning hours of December 26, 1776. The Barracks was also used as a hospital for wounded American soldiers; 600 were brought in after the Battle of Yorktown in November 1781.

Visitors will want to give special attention to "the Soldiers Room" since the barracks originally consisted of two floors of such rooms. The rough life of the soldier is easily observed here. Miss Charlotte Gulliver, Curator, reports that this room is the most interesting area for groups of children.

A special Colonial Drill Day is held each year at the Old Barracks when uniformed colonial militia march, drill and discharge their authentic weapons: the first Sunday of October at 1:00 P.M.



The Miller . . .

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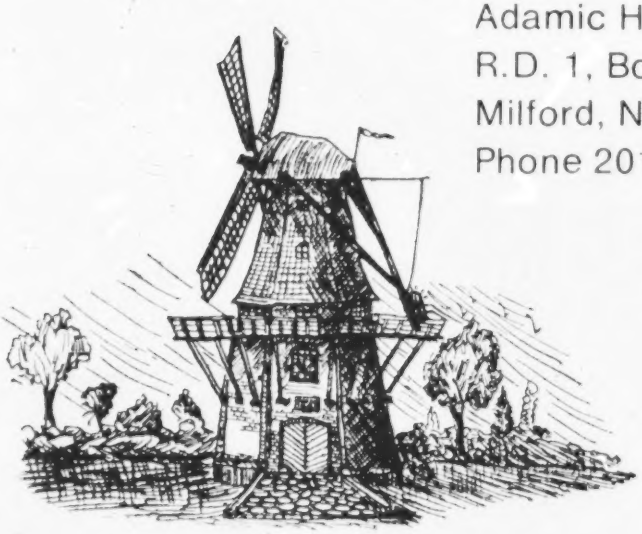
The First Mills in Massachusetts, Virginia and New Holland Were Windmills!

VOLENDAM WINDMILL MUSEUM, INC.
Adamic Hill Road
R.D. 1, Box 332
Milford, New Jersey 08848
Phone 201-995-4365



An engineering and architectural landmark which recreates the milling process.

Open: Every day except Tuesday (10:00-6:00) from April through Labor Day; every day (10:00-4:00) except Tuesday after Labor Day through November.

Tours: 10:00 a.m., 11:00 a.m., 1:00 p.m., 2:00 p.m., 3:00 p.m., 4:00 p.m., 5:00 p.m. Admission: students $.25, adults $.75, pre-school children free. Children under twelve must be accompanied by an adult. Arrangements for student groups should be made by telephoning the museum.

Description

The Voldendam Windmill Museum is named after the old town of Volendam in the northern part of the Netherlands, near Amsterdam. It is a living museum. It demonstrates an authentic model of a centuries-old wind driven mill used for grinding raw grain into flour.

This windmill was designed and built by Paul Jorgensen and his wife May with very little outside help. It is a replica of windmills studied by the Jorgensens in Holland and Denmark. With exact measurements and detailed sketches which they had made, Paul Jorgensen began by making the blueprints. Actual construction began in 1965. Many of the mill's parts and even the tools for making those parts had to be made by Mr. Jorgensen, who by profession has been a master model maker, master machinist, tool and die maker, and a marine engineer.

The sixty feet-high Volendam mill is a seven story structure with sail arms that are sixty-eight feet tip to tip. These arms when turning at five revolutions per minute, produce about forty horsepower, sufficient to turn the heavy millstone (over one ton) at about thirty revolutions per minute.

The purpose of the Volendam Windmill is educational. The Jorgensens, often dressed in authentic Dutch costumes, intend to share a world in which

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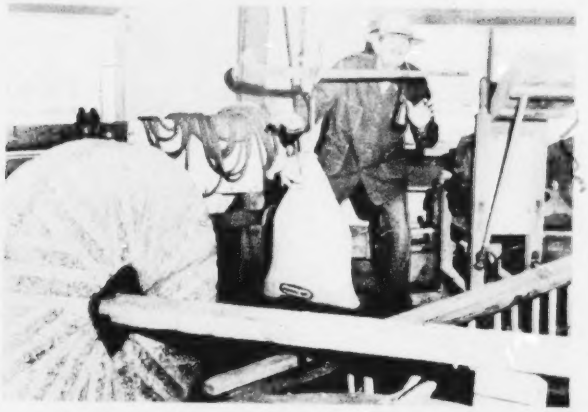

the forces of nature are directly harnessed by hand-crafted tools and equipment. "I try to teach the people who come here what's happened in the milling industry over the last two hundred years by demonstrating the machines and ideas behind the history," says Paul Jorgensen. "We want to share our experience; experience is the one thing you can give away and still have."

Old milling tools, an operating windmill, old farm tools, twenty-eight inch wooden beams, huge gears made of applewood, hand-split shingles, ancient millstones, wooden shoes — all are on display.

The location of the windmill is as follows: off of Route 519 between Milford and Warren Glen in Hunterdon County. From 519 go west on Anderson Road. At the end of Anderson, turn left and take the first right, Adamic Hill Road. The windmill museum is on the right side of the road.

No Community Was Complete Without a Mill . . .

CLINTON HISTORICAL MUSEUM

Old Red Mill
56 Main Street
Clinton, New Jersey 08809
Phone 201-735-4101

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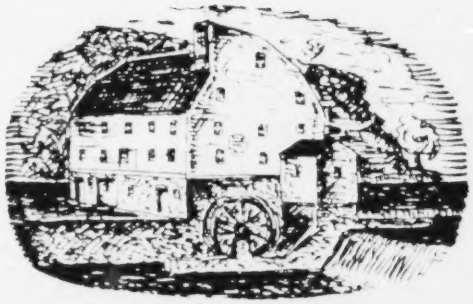


Open: April 1 – October 31 every day (weekdays 1 p.m. to 5 p.m., weekends 12 noon to 6 p.m.)

Tours: Groups should make appointments for weekday tours by phoning the Director Linda S. Smith at 201-735-4101. Admission is $1.00 for adults, $.50 for children, and there is no charge for preschool children.

Description

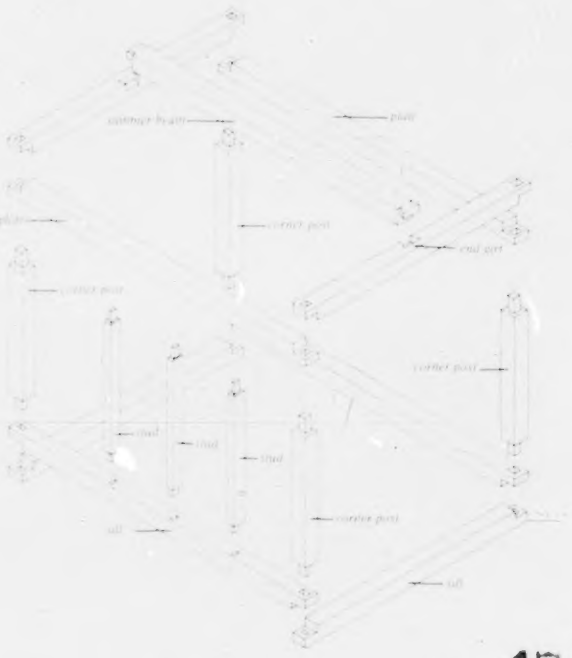
The Old Red Mill in Clinton, New Jersey is the home of the Clinton Historical Museum. A waterfall almost two hundred feet wide, limestone cliffs and a four acre park provide a picturesque setting little changed since the 1700's.

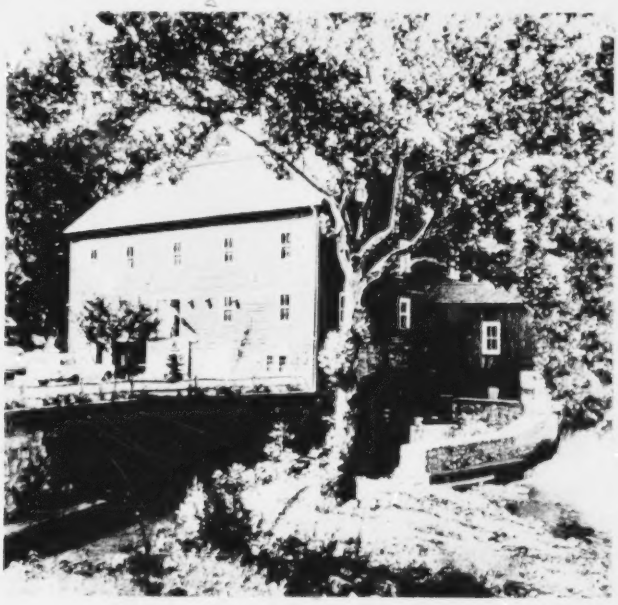
The turning of the fourteen foot water wheel reminds us of past days. Here where Spruce Run meets the South Branch of the Raritan River, this mill began in 1763 to grind grain, flaxseed, limestone, graphite and talc.

Now the old mill has four floors of displays representing all phases of early American life – such as collections of Indian artifacts, milling equipment, farm tools, machinery, heating devices, cooking implements, toys, churns, wooden ware, pottery, silver, and early lighting devices. Costumed manikins add realism to the exhibits. Colonial, victorian and turn-of-the-century artifacts and scenes are depicted.

Additional buildings in the park house a cooper's shop, a working blacksmith shop, and a country store complete with post office and barbershop. Being added this year will be an 1860 school house. Large farm machinery is exhibited in the park along with the museum's own herb garden.

This non-profit museum was founded in 1960 and the Old Red Mill building was opened to the public in 1965.





The Parson Was a Key Person . . .

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OLD DUTCH PARSONAGE
65 Washington Place
Somerville, New Jersey 08876
Phone 201-725-1015

Open: 10 to 12 A.M. and 1 to 5 P.M. Tuesdays through Saturdays, and 2 to 5 P.M. on Sundays, year round; 25¢ for adults 12 or over.

Tours: School groups may have free tours by appointment; phone Mrs. Elizabeth Godown, Caretaker and Guide.

Description

A town was hardly complete without a clergyman to preach, teach, marry, bury, and challenge the slipping morality of the community.

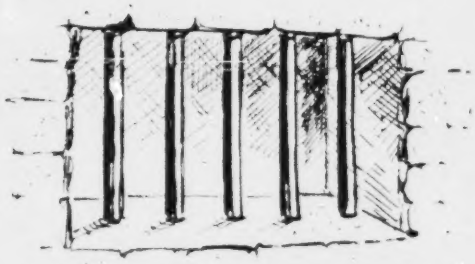
The Old Dutch Parsonage in Somerville was built in 1751 for Dutch Reformed parson Rev. John Frelinghuysen. He and his successor, Rev. Jacob Hardenbergh used it as a seminary to train students for the Dutch Reformed ministry. George Washington often visited there during the winter of 1778-9 while headquartering nearby at the Wallace House.

Hardenbergh later became the first president of Queens College, now Rutgers, the State University.

Visitors to the old Dutch Parsonage will find it furnished much as it was in the 18th century.

The Prison Keeper Had a Big Job . . .

BURLINGTON COUNTY PRISON-MUSEUM
128 High Street
Mount Holly, New Jersey 08060



Open: 10 A.M. to 12:00 Noon and 1:00 to 4:00 P.M., Tuesdays through Saturdays, excluding holidays, year round.

Description

First opened for use in 1811, it was apparently the oldest prison in the United States still in use for its original purpose when it closed in 1965. It was also apparently the first fireproof building erected in this country.

The two-inch-thick front door sets the austere mood for this prison. On the two upper floors, groups of four cells were arranged so that prisoners could pass from one cell to another but couldn't enter the hallway. Individual cells for the more hardened offenders were located at both ends of the floors. Pencilled calendar strokes and graffiti on dingy cell walls are tell-tale evidence of long days spent marking time in dreary confinement.

There are also "common rooms" for debtors who were not considered to be dangerous and the "dungeon" for desperate and violent criminals. The basement area contains workshops, wash room, kitchen, bake room and the "felons' eating room."

The structure was designed by Robert Mills, a Philadelphia architect, who studied with Thomas Jefferson.

Whole Villages Were Built Around a Single Industry Such as Iron . . .

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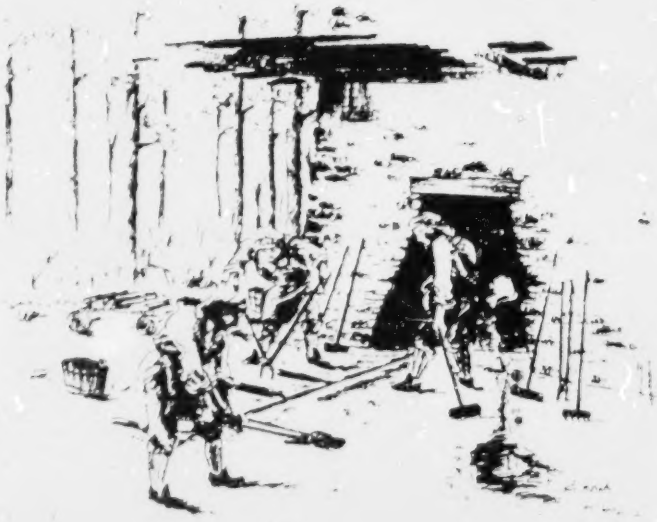
BATSTO HISTORIC SITE

Batsto Visitors' Center
Wharton Tract R.D. #1
Hammonton, New Jersey 08037
Phone 609-561-3262



Open: 7 days per week, Mon.-Fri. (11:00-5:00), Sat., Sun., Holidays (11:00-6:00); but between Memorial Day to Labor Day, every day 10:00 to 6:00

Tours: (one and one-half hours; not on Sundays) begin between 11:00 and 2:00 by appointment. Tour charges are 10¢ per student under 12 years of age and 25¢ per student 12-18 years of age. One adult chaperone is required for every six students. Reservations are requested as early as possible.

Description

With the mansion on the hill, the workers' houses across the river, and the iron furnace, gristmill, sawmill, glass works, and brick yard in between, Batsto ("bathing place") once was a community of nearly a thousand people. It had an important part in the industrial development of the United States.

Batsto Furnace, originally built in 1766, was twice rebuilt: in 1786 and 1829. It furnished munitions for the War of 1812 as well as the Revolution. Water pipe for eastern cities was made there and transported on schooners traveling the Mullica River. Some of the vessels were owned by Batsto and built there. Other Batsto products included many firebacks now in museums, the former fence around Independence Square in Philadelphia, and the cylinder for John Fitch's fourth steamboat. Batsto glass was widely used for the old gas lamps which lighted the streets of New York, Philadelphia and other large cities.

Batsto Historic Site's guided tours visit the Mansion, Carriage Shed, Pig Barn, Blacksmith Shop, and Grist Mill. Entrance to the Sawmill, Post Office, General Store, Restored Workers' Cottage, and Weaving Exhibit does not require a guided tour. Stage coach tours of the village are available Tuesday through Sunday from March to December for 35¢ per person, weather permitting.

Glassware, ironware, and other items are for sale at the visitors center. The General Store sells candy, soda and ice cream.

HISTORIC HOWELL WORKS

The Deserted Village at Allaire, Inc.
(A Non-Profit Educational Corporation)
Allaire, New Jersey 07727
Phone 201-938-2371

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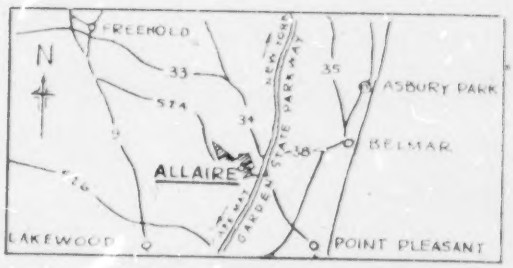
Open: 7 days per week (10:00-5:00) from April through October; and weekends only (10:00-4:30) during March.

Tours of the Restored Village: Arrangements for groups should be made at least one week in advance. Admission to Allaire State Park is 25¢ per person 12 years of age and above; no charge for children under 12; car parking is $1; and, bus parking is $5.



Description

The Historic Howell Works in the Deserted Village of Allaire, once known as Monmouth Furnace, stands as a reminder of the old New Jersey bog iron industry of the 1820's. This site was originally occupied by a sawmill beginning in 1750.

This industrial village was developed by James P. Allaire, of New York City, as a complete and self-contained foundry community. Allaire was the foremost steam engine manufacturer in the nation for many years. The village had its own canal, sixty brick dwellings, the furnace, a blacksmith shop, a file and screw factory, a sawmill, a gristmill, a stable, a bakeshop, a slaughter house, a school, a church, a store, and extensive woodlands for fuel. As many as five hundred men were employed in a wide diversity of crafts, such as moulders, ware-cleaners, carpenters, pattern makers, wheelwrights, millers, teamsters, ore-raisers, colliers, stage drivers, grooms and harness-makers.

The principle articles manufactured were termed "hollow ware": caldrons, various sizes of pots and kettles, and covered bake pans. Stoves, screws, some pipe and sadirons (old fashioned hand irons) were also made.

Allaire is significant in our industrial history because most of the buildings used during its hay day as an operating furnace and forge are still standing.

Museum attendants are in the following buildings when the Village is open during the March through October season: bakery, farm house, carpenter shop, church, foreman's cottage, workman's dwelling, and general store.

Other buildings of interest are:

- Casting House Stack
- Enameling Furnace
- Carriage House
- Barns and Stables
- Corn Crib
- Blacksmith Shop
- Work Manager's House

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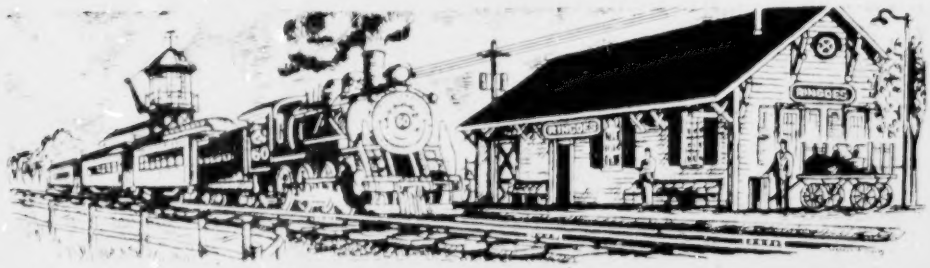
Working on the Railroad . . .

BLACK RIVER AND WESTERN RAILROAD

P.O. Box 83
Ringoes, New Jersey 08551
Phone 201-782-6622



Round Trip Train Rides: Above five times per day on Saturday, Sunday and holidays from mid-April through November, from either Flemington or Ringoes; also, Tuesday, Wednesday, Thursday and Friday during July and August.

School Groups: Children or adults may sign up for educational train trips on Tuesdays, Wednesdays, Thursdays and Fridays during May and to the close of school in June; these special school trains leave Ringoes promptly at 10:30 A.M. Fares: $.75 per child; $1.50 per adult. Also similar trips on the same days during July and August. For reservations or other information, phone (201) 782-6622 or write: Black River and Western Railroad, P.O. Box 83, Ringoes, New Jersey 08551. Arrangements for group orders for milk or orangeade must be made one week in advance.

Description

Each year, over 7,000 school children ride this old steam train the twelve miles from Ringoes to Flemington and back, enjoying a step back into the age of New Jersey's steam power railroads and the rural life of beautiful Hunterdon County. This is the only steam operated train in New Jersey that is still operational with regular freight and passenger service.

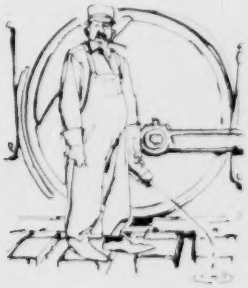
Mrs. Quick, the school group guide, introduces the children to Engine #60, the various train cars, and such railroad workers as engineer, firemen, conductor, breakman, flagman, and ticket seller.

The train uses a railroad bed used since 1854. Although this locomotive and train best represent the 1920's and 1930's, it is easy to imagine workers performing similar tasks in 1850.

How old are train occupations in New Jersey? The Camden and Amboy Railroad completed its sixty-one miles of track between Camden and South Amboy in 1834. In 1840, a railroad line joined Jersey City to the track crossing the Delaware at Trenton. In 1854, a railroad to Atlantic City was completed. Such railroads and many others kept our State in its role as America's main road.

An excellent illustrated booklet by Virginia Smith, entitled *The Black River and Western Story* (1973), is available from the Ringoes souvenir shop for $2.00.

The train station at Ringoes has been authentically restored. A train museum, picnic facilities, souvenir car and snack bar are also available there.



A Craftsmen's Village Mixes Old and New Crafts . . .

PETERS VALLEY CRAFTSMEN

Delaware Water Gap National Recreation Area
Layton, New Jersey 07851
Phone 201-948-5200

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Open: Open all year, every day except Mondays (for scheduled tours April through December, by appointment 1:00 p.m. to 4:00 p.m.; for public entrance to the craft shops, 1:00 p.m. to 4:00 p.m.) The craft store is open all year except Mondays, 10:00 a.m. to 5:00 p.m.

Tours: Scheduled tours are pre-arranged about one month in advance: phone 201-948-5200. However, teachers or others organizing such tours are expected to have visited the craft village before making such group tour arrangements. This is required in order that visiting students will have been properly oriented by the teacher or leader before coming.

The earliest tour is at 1:00 p.m. There is no fee for entrance to Peters Valley or to the Delaware Water Gap National Recreation Area of which it is a part. Many school groups find it convenient to bring their lunch. Picnic tables are available near the craft shops, but no food or beverage is for sale.

The guided tour involves the ceramic shop, the wood carving shop, the furniture making shop, the textile shop, the blacksmith shop and jewelry shop. Although traditional craft techniques are visible in the wood carving, textile, blacksmithing and jewelry shops, most of the crafts are contemporary.

Description

Peters Valley Craftsmen is a living, working village of young resident craftsmen dedicated to supporting, encouraging and teaching crafts. It is located within the Delaware Water Gap National Recreation Area, a few miles west of Route 206 as it passes through Stokes State Forest, near historic Old Mine Road which was built by the Dutch in the mid-1600's for their own iron mining industry.

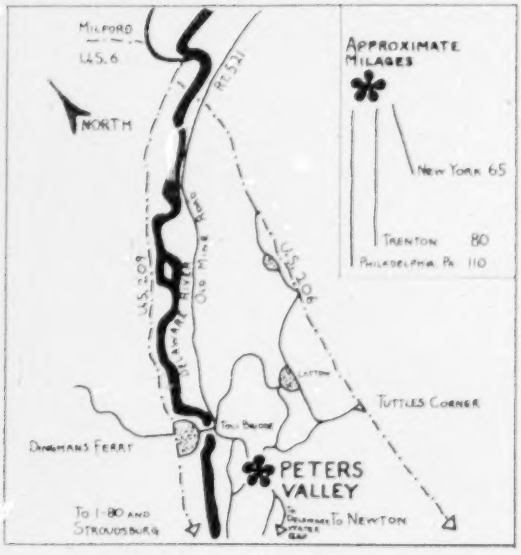
This year-round non-profit craft center not only encourages high quality craftsmanship but also makes the tradition of working in crafts more accessible to the interested public. It is the realization of a dream shared for many years by craftsmen, federal and state agencies, foundations and the people of Sussex County. It was founded in 1970 as a pilot project for the National Park Service.

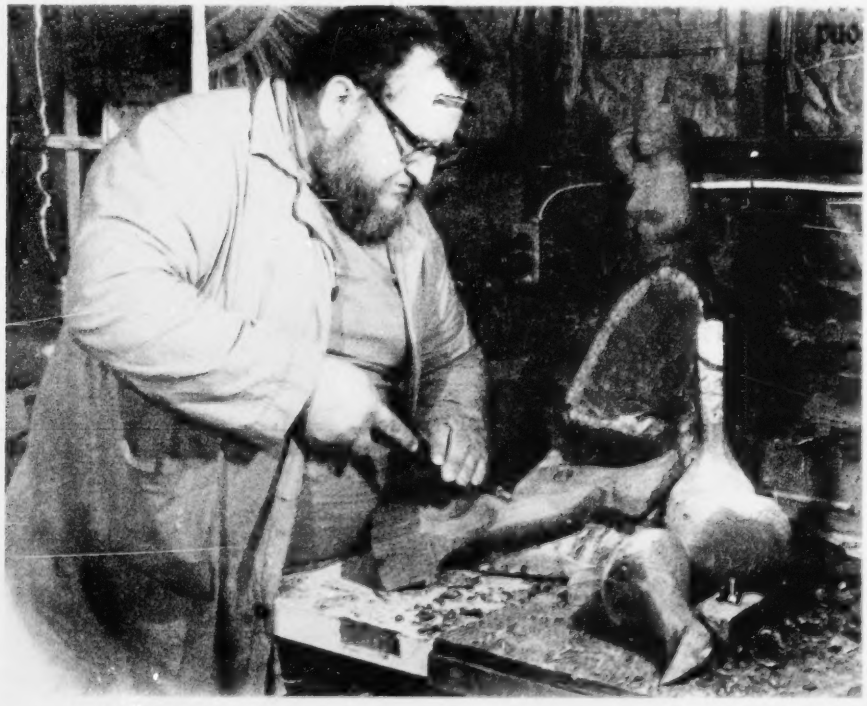
Skilled craftsmen live year-round in the village, producing, demonstrating, teaching and selling their work. An important part of the village is a Summer School where beginning and advanced courses are taught by resident and visiting craftsmen for students at least 18 years old. The curriculum includes design, production and marketing of handcrafts. One-day workshops and short courses are offered year-round.

Visitors are encouraged to watch craftsmen, apprentice craftsmen, and students at work and to enjoy the Crafts Shop and Gallery at the center of the village. The shop is used for the exhibit and sale of crafts produced by qualifying craftsmen from many areas of the United States.

The annual Craft Fair, held over the weekend closest to August 1, brings more craftsmen to the village. Sales, demonstrations, and exhibits of old and new work make the weekend a high point of the summer program.

A program of outside take-it-to-them exhibits, demonstrations and lectures has recently included involvement with such New Jersey institutions as: High Point Regional High School, Newton High School, Sussex County Vocational-Technical School, and the Sussex County Farm and Horse Show.





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NATIONAL PARK SERVICE

4. CRAFTSMEN WILLING TO GIVE DEMONSTRATIONS

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In using this listing, you should be aware that only a very small proportion of the traditional craftsmen listed here are available for in-school demonstrations. Nearly all have other means of livelihood and many can meet school groups only at a craft fair, a historic site, or in their own workshops. Therefore, when craftsmen are available for in-school contacts, the utmost care and courtesy should be shown them.

Teachers and administrators will want to be very careful that a particular craftsman being considered for widening the students' historical and career experience is actually appropriate for their specific purposes for a particular group or class.

Parents and club groups also should use this listing for supplementing what the schools can do in increasing the historical and career awareness of our children and youth.

BLACKSMITH – Steven H. Burns
(*Producing tools, weathervanes, bells*)

- Two hour in-school demonstrations for schools in Cumberland County or elsewhere in the state according to time commitments ($35.00 fee plus transportation and materials; 7th grade students or older; no more than 15 students for a "hands on" session; has suggestions for on-going projects; would prefer working with a group on their project over a period of several days; requires outdoor space for use of his forge, needs direct truck access to the work area).
- Thirty minute demonstrations in his Millville workshop. ($20.00 minimum fee; for two hours, $30.00 plus materials; all ages; no more than 30 students; parking for one bus or several cars).
- Shares workshop with textile craftsman; likes combined sessions with both textile and metal crafts; inquire for more information on this creative approach.
- To contact, write: Steven H. Burns, 1614 Fairton Road, Millville, New Jersey 08332.

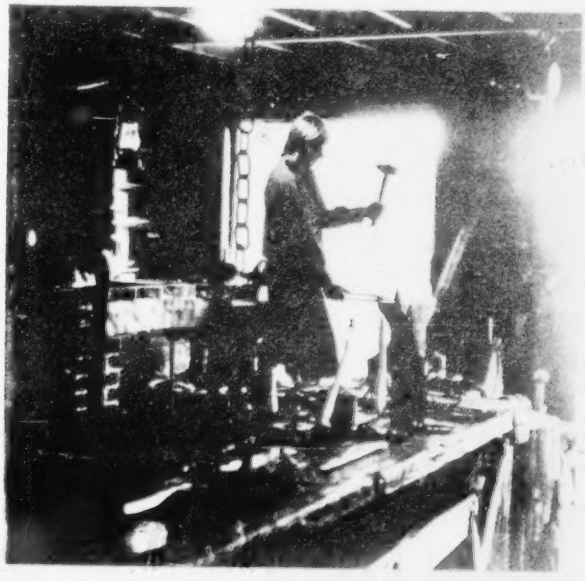
Steven Burns, blacksmith

BLACKSMITH OR FARRIER – Craftsman at the Dey Mansion, Wayne
(*Making of horseshoes*)

- Demonstration open to the public on Sundays, 1:00 P.M. to 5:00 P.M. between April 18 and November 15 in the barnyard complex of the Dey Mansion. (no charge, parking for a bus and a number of cars.)
- The Dey Mansion, headquarters for General George Washington in 1780, has been carefully restored to resemble its appearance at that time. It is owned and maintained by the Passaic County Park Commission, Paterson.
- There is a picnic grove nearby.
- The Dey Mansion is located in Preakness Valley Park in Wayne Township, Passaic County. It can be reached from near the intersection of Rt. 23 and Rt. 46, going East from Mountain View to 199 Totowa Road. Request a map from the Curator Raymond Dey (phone: 201-OX6-1776).

BLACKSMITH – Bruce Gaghun

- Demonstrates at Clinton Historical Museum from 1:00 to 5:00 P.M. on Sundays in good weather.



Curtis Tindall, blacksmith

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BLACKSMITH — L. Curtis Tindall
(Cutting, bending and twisting metal to produce useful articles)
- Demonstrating daily at Liberty Village in Flemington.
- Mini-course program available for four high school students at a time: 4:30 P.M.-5:30 P.M. each day for two weeks. ($20 per person, including materials; each person will produce an article by hand)
- For more information on the mini-course program, write: Mr. G. R. Benson, Jr., Educational Director, Liberty Village, Flemington, New Jersey 08822.

BOOKBINDER — Henry and Johanna Granger
(Designing and executing bookbindings)
- Two hour training sessions for any school in New Jersey; 4th grade or above; no more than five students who are highly motivated to complete a task; transportation cost plus $25 per morning or afternoon.
- To contact, write: Henry and Johanna Granger, 59 Clinton Street, Lambertville, New Jersey 08530.

CABINETMAKER — William Reasoner
(Constructing useful wooden furniture)
- Demonstrating daily at Liberty Village in Flemington.
- Mini-course program available for eight high school students at a time: 4:30 P.M.-5:30 P.M. each day for two weeks. ($20 per person, including materials; each person will construct an article by hand)
- For more information on the mini-course program, write: Mr. G. R. Benson, Jr., Educational Director, Liberty Village, Flemington, New Jersey 08822.

CANDLE-DIPPING, SILVERSMITH, PEWTERER, POTTERY AND SIMPLE WEAVING — Beatrice Brunswick
(A variety of Colonial crafts)
- One hour craft exhibit in her Burlington workshop, for schools in Burlington County ($25 fee per demonstration; grade four through seven; no more than twenty students; parking ample for cars or a bus).
- She recommends a one hour craft exhibit combined with a two hour walking tour of historic Burlington.
- Participates in demonstrations at St. Mary's Guild House, Burlington in the fall and in the spring.
- To contact, write: Miss Beatrice Brunswick, 310 Wood Street, Burlington, New Jersey 08016.

CANING, RUSHING AND REEDWORK FOR CHAIRS — Walter Rhoades
(Chair bottoms of canes, rushes or reeds)
- One hour demonstrations for schools; no more than fifteen students at once; no charge but transportation costs and lunch must be provided if it involves a whole morning or afternoon.
- To contact, write: Walter Rhoades, 1549 Brunswick Avenue, Trenton, New Jersey 08638.

CARVING, METAL ENAMELING, AND POTTERY — Sister Gerardine Mueller
(Wood and leather carving; jewelry and ceramic production)
- Twenty to thirty minute in-school demonstrations for any school in New Jersey. ($10 fee plus mileage; grades 4 and up; no more than 20 students; needs work table *and* exhibit table)
- Thirty minute demonstration at Caldwell College. ($10 fee; grades 7 to 12; no more than 20 students; parking nearby)
- Willing to demonstrate at craft fairs and historic sites, except in August.
- To contact, write: Sister Gerardine Mueller, Caldwell College, Caldwell, New Jersey 07006.

Sister Gerardine Mueller, carver on leather

CHANDLER — Dominica Stobb
(Hand dipped, moulded and sand candles)
- Demonstrating daily at Liberty Village in Flemington.
- Mini-course program available for six high school students at a time: 4:30 P.M.-5:30 P.M. each day for two weeks. ($20 per person, including materials; each person will make candles)
- For more information on the mini-course program, write: Mr. G. R. Benson, Jr., Educational Director, Liberty Village, Flemington, New Jersey 08822.

DRIED FLOWER DESIGNS — Sister Marie Imelda Hagan
(Producing dried flower pictures and greeting cards)
- Thirty minute demonstrations at the Art Department of the College of Saint Elizabeth for schools in Morris County. ($10 fee; grade 7 and up; parking nearby)
- To contact, write: Sister Marie Imelda Hagan, College of Saint Elizabeth, Convent Station, New Jersey 07961.

DYEING, SPINNING, WEAVING — Mrs. Ethel G. Simpson
(Natural vegetable dyeing, spinning, and the weaving of textiles)
- Two hour in-school demonstrations for schools in Union County or adjacent counties, but only on weekends; table loom will travel ($35.00 fee per demonstration; no more than ten students).
- Two hour demonstrations in home workshop in Winfield for schools in Union County or adjacent counties ($35.00 fee per demonstration).
- Available for demonstrations at craft fairs or historic sites, in Union County or adjacent counties but her loom does not travel; drop spindle will travel.
- To contact, write: Mrs. Ethel G. Simpson, 98 Warecrest Avenue, Winfield, New Jersey 07036.

DYEING, SPINNING, WEAVING, FABRIC PRINTING — Susan Grant
(Producing yarns, fabric, rugs, hangings, blankets, quilts, belts, pillows, puppets, hats, bags)
- twenty to thirty minute in-school demonstrations for schools in Cumberland County or elsewhere in the state as time permits ($25 minimum fee; for two hours, $35 plus transportation and materials; students 6 years old or older; no more than 25 students; has suggestions for

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hands-on class activities; can use any space available or outside in nice weather; requires help in unloading and loading).

- Likes small group workshops for three or more hours, or hours spaced over a week; inquire for more information.
- Thirty minute demonstrations in her Millville workshop. ($20 minimum fee; for two hours, $30 plus materials; for three hours, $40 plus materials; students 6 years old or older; no more than 25 students; parking for a bus or cars).
- Likes combined sessions with both metal and textile crafts, involving a metal craftsman; inquire for more information on this creative approach.
- To contact, write: Susan Grant, 1614 Fairton Road, Millville, New Jersey 08332.

Susan Grant, spinner

ENAMEL ON COPPER — Elvira A. Fiducia

(Plaques and jewelry).

- Available for demonstrations to school groups in Essex County or in adjacent counties.
- To contact, write: Mrs. Elvira A. Fiducia, 26 Collinwood Road, Maplewood, New Jersey 07040.

ENAMELLING, GOLDSMITHING, SILVERSMITHING AND STAINED GLASS — Mrs. Shirley S. Schwartz

(Major jewelry and stained glass techniques from the 6th century to the present)

- Two to three hours in-school demonstrations ($50 fee; grades 7 to 12; no more than twenty students at one time; has suggestions for hands-on class activities; needs long table, small table, and source of water).
- Demonstrates at historic sites and musuems.
- To contact, write: Mrs. Shirley S. Schwartz, 200 Adams Avenue, River Edge, New Jersey 07661.

GLASSBLOWER — James A. Friant

(His company — Glass of South Jersey, Millville — is the site of the oldest continuous operation of glass manufacturing in the United States)

- The demonstration and lecture service of the Glass of South Jersey Company is available to schools; write for details.
- James Friant once moved this entire glassworks to Manheim, Pennsylvania, for a working glassblowing facility in the town square.
- Has available a one page history of glass production in South Jersey since 1739.
- To contact, write: James A. Friant, Glass of South Jersey, 63 Garfield Street, Millville, New Jersey 08332.

James Friant, glassblower

GLASSBLOWER — Douglas Merritt

(Gathering, blowing and finishing basic pieces of off-pipe glass articles in the 18th century traditions)

- Mini-course program available at Liberty Village to four high school students one hour each day for two weeks: either at 10:30 A.M. or 1:15 P.M.
- For more information on the mini-course program, write: Mr. G. R. Benson, Jr., Educational Director, Liberty Village, Flemington, New Jersey 08822.

Douglas Merritt, glassblower

GLASSBLOWER — Mike Dorofee

Observation of glassblowing is possible for less than ten persons through a large window of the Dorofee Glass Factory, mornings between 10:00 A.M. and 12:00 Noon. Space and time limitations prohibit any touring arrangements.

All of Mike Dorofee's work is "free-blown", which means no molds are used. All pieces are fashioned by

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hand. He has often duplicated heirlooms for individuals whose treasured pieces have become broken or chipped over the years.

The copies of South Jersey glass which Dorofee makes are from the "Boom Era" of Southern New Jersey glass industry, about 1790 to the 1860's. Some of these include candlesticks, stemmed ware, goblets, vases, coin banks and dinner bells.

The works is located near Tuckerton in the now extinct town of Mathistown, between Mile 58 and 59 on U.S. Route 9. (Phone: 609-296-9784) Write him at the Dorofee Glass Works, R.F.D. Box 278, Tuckerton, N.J. 08087.

GOLDSMITH — Glenda Arentzen
(*Making gold jewelry*)

- Twenty to thirty minute in-school demonstrations for any New Jersey school that can be reached conveniently by public transportation. ($20 per hour, plus mileage; grades 10 to 12 and adult; no more than fifteen students; an ordinary classroom will do; the school must provide whatever I cannot easily carry by public transportation.)
- To contact, write: Glenda Arentzen, 10 Fyke Road, Mahwah, New Jersey 07430.

GOLDSMITH AND SILVERSMITH — John Ottiano
(*Lost wax casting of gold and silver jewelry*)

- Two workshop sessions at the metals studio at Glassboro State College for any school in New Jersey. ($25 to $50 fee; grades seven to twelve and adults; no more than 25 students; parking nearby.)
- To contact, write: John Ottiano, 1115 Glen Lake Boulevard, Pitman, New Jersey 08071.

Barbara Stanger, coppersmith

GOLDSMITH, COPPERSMITH, SILVERSMITH, ENAMELING, AND JEWELRY MAKING — Barbara W. Stanger
(*Making gold and silver jewelry and decorative objects*)

- Twenty to thirty minute in-school demonstrations for schools in Union County or adjacent counties. ($50 per day; $30 per half day; grades 6 and up; no more than 20 students at once; needs electrical outlets, extensions and 2 tables)
- To contact, write: Barbara W. Stanger, 119 Maple Street, Summit, New Jersey 07901.

GUNSMITH — Henry Baer
(*Production of 18th century guns*)

- Daily demonstrations at Liberty Village.

HANDWEAVING — Irving T. Klein
(*Produces wool, cotton or silk fabrics*)

- Twenty to thirty minute in-school demonstrations for schools in Essex County. ($10 minimum fee; $25 per morning or afternoon; grades 7 to 12; no more than 10 students at once)
- Usually participates in First Mountain Crafters Craft Fair, November.
- To contact, write: Irving T. Klein, 299 South Harrison Street, East Orange, New Jersey 07018.

Alta Turner (on left) and daughter Alta Parkins, fingerweavers

INDIAN BRAIDING OR FINGER WEAVING — Mrs. Alta R. Turner
(*Producing belts, sashes, neckties, head bands and wider fabrics for scarves, ponchos and hangings*)

- Twenty to thirty minute in-school demonstrations anywhere in Essex County that is accessible by bus from New York City within one and one half hours ($15 fee plus expenses; grades five through twelve; small groups desired; has suggestions for students to try out techniques).

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- Two hour session within limitations stated above for transportation, grade level, and group size ($25 to $50 fee plus expenses, depending on circumstances; slides involved as well as samples).
- Participates in a few craft fairs each year.
- She has published a "how to" book concerning this craft: *Finger Weaving: Indian Braiding*, by Alta R. Turner (Sterling Publishing Co., 419 Park Avenue, South, New York, New York 10016, for $3.50).
- To contact, write: Alta Ann Parkins, Ten Valhalla Way, Verona, New Jersey 07044.

JEWELRY AND CROCHET — Paula Gollhardt
- Twenty to thirty minute in-school demonstrations for schools in Union or nearby counties ($35 minimum fee plus materials; $75 plus materials for a morning or afternoon; grades two and up; no more than ten students at one time).
- Demonstrations of varying length at the Beautiful Things Factory in Scotch Plains ($35 minimum; $50 for an evening or part of a day plus expenses; grade level and class size as listed above; parking nearby).
- To contact, write: Paula Gollhardt, The Beautiful Things Factory, 1838 East 2nd Street, Scotch Plains, New Jersey 07076.

LACEMAKERS — Mrs. Olive Risch and Mrs. Gunvor Jorgensen
(*Bobbin fine lace, the revival of an old art*)
- Twenty to thirty minute in-school demonstrations for any New Jersey school (mileage and meals involved; all grades; class sized groups; need wall space and long table; need help with bulky equipment).
- To contact, write: Mrs. Olive Risch, 375 Knollwood Road, Ridgewood, New Jersey 07450; or Mrs. Gunvor Jorgensen, 366 Bradley Avenue, Northvale, New Jersey 07647.

PAINTER, SCULPTOR — Lillian Schwartz
- Two hour in-school demonstrations for any New Jersey school. ($100 fee plus mileage; high school students)
- To contact, write: Lillian Schwartz, 524 Ridge Road, Watchung, New Jersey 07060.

PAINTING, DRAWING AND NEEDLEPOINT — Vivian Steinberg
(*Original design and preparation of paintings, wall hangings, furniture coverings and custom-designed clothing*)
- Twenty to thirty minute in-school demonstrations for schools in Essex County. ($100 fee for a morning or afternoon period; has suggestions for hands-on class activities; needs wall space and table space; needs help in unloading and loading)
- Thirty minute demonstration at her West Orange studio for schools in Essex County. ($100 fee; parking nearby)
- To contact, write: Vivian Steinberg, 110 Forest Hill Road, West Orange, New Jersey 07052.

PAINTING OF TINSEL AND CRYSTAL — Madeline Holden
(*Produces reverse painting on partly transparent glass*)
- Demonstrations to art students in any New Jersey schools (plenty of light is needed).
- Participated in demonstrations at Flemington and the Wayne Museum.
- To contact, write: Madeline Holden, 89 Lincoln Avenue, Little Falls, New Jersey 07424.

PAINTING ON TIN, PAPER AND WOOD — George R. Benson, Jr.
(*Producing early American painted objects*)
- Mini-course program available at Liberty Village to five high school students at 10:30 A.M. each day for two weeks.
- For enrollment and other information, write: Mr. G. R. Benson, Jr., Educational Director, Liberty Village, Flemington, New Jersey 08822.

PAINTING ON WOOD AND COLLAGE — Brunette Mallon
(*Wall art*)
- Thirty minute demonstration for Essex County school students ($30 fee; students should be twelve years old or older; no more than fifteen students).
- To contact, write: Brunette Mallon, 7 Nelson Court, West Orange, New Jersey 07052.

PORTRAIT PAINTER — Joan Brunett
(*Portraits — sketches and quick pastels*)
- Twenty to thirty minute in-school demonstrations for schools in Morris County. ($15 per portrait or $45 per morning or afternoon; kindergarten up; usual class size; one portrait takes about 40 minutes)
- To contact, write: Joan Hierholzer Brunett, 12 Johnson Drive, Chatham, New Jersey 07928.

POTTER — Roberta Blair
(*Produces pottery and sculpture*)
- Twenty to thirty minute in-school demonstration for schools in Cumberland County, after 3:00 p.m. or on Saturday ($25 minimum; $50 for morning or afternoon; grades 1 and up; not more than 15 students at once; hands-on class activities for students if the school provides the materials; needs one large solid table and a second table to display pottery; requires help with unloading and loading).
- Thirty minute demonstration in Vineland studio for schools in Cumberland County (35 per demonstration; grades 3-12; no more than 20 students at once; parking nearby).
- To contact, write: Roberta Blair, 120 Laurel Street, Vineland, New Jersey 08360.

POTTER — Ann Gattuso
(*Wheel-thrown stoneware pottery, both functional and decorative*)
- Twenty to thirty minute in-school demonstrations for schools in Somerset County. (Mileage; grades 5 to 12; no more than 15 students at one time; school would have to supply pottery wheel; has suggestions for hands-on class activities for students)
- To contact write: Ann Gattuso, 48 Washington Valley Road, Warren, New Jersey 07060.

28 *Ann Grattuso, potter*

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POTTER – Marilyn Klasman
(Producing unusual stoneware pottery and sculptured ceramics)
- 60 minute in-school demonstrations for schools in Bergen or adjacent counties. ($10 per hour demonstration or $30 per morning or afternoon; potters wheel can be brought to school ahead of time; elementary school students; no more than twenty at a time)
- Demonstrates at the Bergen Community Museum in Paramus in September.
- To contact, write: Marilyn Klasman, 346 Elliot Place, Paramus, New Jersey 07652.

POTTER – Pauline Lurie
(General ceramics)
- A thirty minute demonstration for any New Jersey school in her Bernardsville studio. ($50 fee; grades K to 12; no more than twenty students; suggestions for hands-on class activities for students; parking nearby)
- To contact, write: Pauline Lurie, Gill/St. Bernard's, Box 239, Bernardsville, New Jersey 07924.

POTTER – William C. McCreath
(Producing functional, decorative and sculptural forms in the ceramic medium)
- Thirty minute demonstrations in the Ceramics studio at Montclair State College, School of Fine and Performing Arts. ($25.00 per demonstration; no more than thirty students; secondary school students or older).
- To contact, write: William C. McCreath, 208 Montclair Avenue, Upper Montclair, New Jersey 07043.

POTTER – Fred Manders
(Producing functional pots)
- Twenty to thirty minute in-school demonstrations for schools in Atlantic, Cape May and Cumberland Counties. ($30 per demonstration; any age; no more than 50 students at one time; has suggestions for hands-on class activities for students; needs large table, electricity and access to water)
- To contact, write: Fred Manders, R.D. 4, East Landis Avenue, Vineland, New Jersey 08360.

POTTER – Gerry Manger
(Wheel thrown utilitarian pots)
- Twenty to thirty minute in-school demonstration for schools in Morris or Somerset Counties. ($20 per demonstration; $35 for two hours; grades 2 to 12; no more than 25; need space 5 feet x 5 feet)
- Usually demonstrates at the annual craft fair sponsored by the Kiwanis at the Oak Street School of Basking Ridge (September).
- To contact, write: Gerry Manger, 101 Claremont Road, Bernardsville, New Jersey 07924.

POTTER – Valerie C. Rabinskas
(Handcrafted utilitarian and decorative pottery)
- Twenty to thirty minute in-school demonstrations for any New Jersey school, mainly after 3:00 P.M. (mileage; grades 4 to 6; no more than 20 students at once; hands-on class activities for students if the schools supply the clay; requires help in unloading and loading the potter's wheel)
- Thirty minute demonstration at the Clayworker's Studio in Edison, New Jersey. (grades 4-6; no more than 20 students at once; parking nearby)
- Available to demonstrate at craft fairs and historic sites.
- To contact, write: Valerie C. Rabinskas, 4 West Walnut Street, Metuchen, New Jersey 08840.

Valerie Rabinskas, potter

POTTER – Evelyn Simpson
(Producing clay-made functional and decorative objects)
- Twenty to thirty minute in-school demonstrations for schools in Essex, Morris, Union or adjacent counties. ($40 minimum, for a morning or afternoon; grades 5 and up; no more than 20 students at once; school must provide art room with potters wheel)
- Thirty minute demonstration at the Clayworkers Studio in Edison, for schools in Essex, Morris, Union or adjacent counties. (No fee; all ages; no more than 15 students; parking nearby)
- Exhibits at annual fairs sponsored by the First Mountain Crafters (May) or Peters Valley (August).
- To contact, write: Evelyn Simpson, 42 Southern Slope Drive, Millburn, New Jersey 07041.

POTTER – Sy Thames
(One of a kind slab-constructed ceramics, producing vases, bottles, box planters, wall plaques and other items)
- Twenty to thirty minute in-school demonstrations for schools in Somerset, Union or Morris Counties, as schedule permits. ($25 minimum; $50 for a morning or afternoon period; if the school will make clay available for students, has suggestions for hands-on class activities for students; grades seven through twelve; no more than twenty-five students; large space required; assistance in unloading and loading necessary)
- Thirty minute to one hour demonstrations at the Earth and Fire Ceramics Studio and Gallery, 20 Morris Street, Morristown, New Jersey. ($25 per hour fee; grades seven through twelve; no more than twenty-five students; parking across the street in a municipal parking lot)
- To contact, write: Sy L. Thames, 23 Allen Street, Basking Ridge, New Jersey 07920.

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POTTER AND WEAVER – Muriel F. Berson
(Slab, coil and wheel thrown pottery, and traditional weaving)

- Twenty to thirty minute in-school demonstrations for schools in Morris County. ($30 fee per demonstrations or $50 for a morning or afternoon period; grades 4 to 12; no more than ten students usually; has suggestions for hands-on class activities for students; needs 10' x 10' space and help with unloading and loading)
- Thirty minute demonstration for schools in Morris County in her Mt. Lakes studio. ($30 fee; grades K to 12; no more than ten students usually; parking nearby)
- Has made demonstrations at Parsippany-Troy Hills and in Boonton.
- To contact, write: Muriel F. Berson, 243 Intervale Road, Mt. Lakes, New Jersey 07046.

POTTER AND WEAVER – Edna L. Bouchal
(Wheel throwing and hand building with clay in producing dishes and cooking vessels)

- Twenty to thirty minute in-school demonstrations for schools in Union, Essex and Bergen Counties. (Ordinarily $35 per demonstration; elementary or junior high students; no more than twenty students; has students join in the work and has suggestions for hands-on class activities; requires strong people for unloading and loading pottery wheel).
- To contact, write: Edna L. Bouchal, 671 Shadowlawn Drive, Westfield, New Jersey 07090.

Edna Bouchal, potter

POTTER, LOOMLESS WEAVING, STAINED GLASS – Nadine H. Weiss
(Producing useful and decorative objects through a wide variety of techniques)

- One hour demonstrations at her Basking Ridge studio ($20 fee; all ages welcome).
- In-school demonstrations for any school in New Jersey. (Write for fees, describing the purpose and extent of the proposed demonstration; will require assistance with unloading and loading heavy equipment)
- To contact, write: Nadine H. Weiss, Weiss Studio, 161 Culberson Road, Basking Ridge, New Jersey 07920.

Nadine Weiss, loomless weaver

QUILTING – Lawrence Road Presbyterian Church Quilting Group
(Producing finished quilts)

- Twenty to thirty minute in-school demonstrations for schools in Mercer County. (Mileage; grades 5 and up; no more than 30 students at once; space 9 feet x 9 feet for square frames)
- Demonstrate at local craft fairs.
- To contact, write: Mrs. Donald McGowan, 37 Eggerts Road, Trenton, New Jersey 08638.

QUILTING – Mary Morgan
(Trapunto quilting – with raised areas)

- Twenty to thirty minute in-school demonstration for schools in Middlesex County. ($10 for a morning or afternoon; grades 6 and up; no more than thirty students; has suggestions for hands-on class activities for students; needs long table)
- Usually participates in craft fair at Washington's Crossing (September) and Allaire historic site (June).
- To contact, write: Mary Morgan, 18 South Main Street, Cranbury, New Jersey 08512.

SCULPTURE AND STAINED GLASS – Edna Martin

- Two hour in-school demonstrations for schools in Burlington County ($30 fee for morning or afternoon period; grades four through twelve; no more than sixteen students at once; prefers an arts and crafts classroom; has suggestions for hands-on class activities)
- To contact, write: Edna Martin, 57 Sheffield Place, Leisuretown, Vincentown, New Jersey 08088.

SILVER AND GOLD JEWELER – Frances L. Knapp
(Producing bracelets, rings, necklaces, sterling silver chains, gold chains, and lapidary through skills in sawing, filing, hammering and shaping)

- Gives demonstrations which go on over a period of several hours at a craft fair or historic site but only in Morris County.
- Often participates in the annual fair of the Morris Museum of Arts and Sciences, held in December at the

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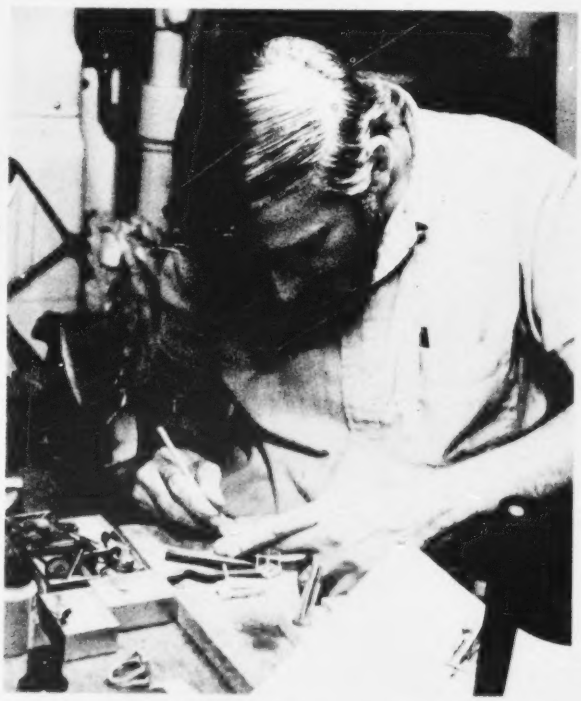
Morris Museum (Normandy Heights Road and Columbia Turnpike, Morristown).
- Sometimes participates in demonstrations at Jockey Hollow.
- To contact, write: Frances L. Knapp, 24 Murphy Circle, Florham Park, New Jersey 07932.

SILVER JEWELRY MAKING – Roy E. Risley, Jr.
(*Producing small containers, sculptures and fine jewelry in silver and gold*)
- One hour demonstrations for any school in New Jersey. ($50 fee plus mileage; grades 10 and up; no more than 25 students; ten feet by ten feet space needed; heavy equipment such as anvils and torches must be available at the site; he will supply lesser tools and expendable materials)
- May be available for craft fairs.
- To contact, write: Roy E. Risley, Jr., c/o Risley Silversmith, P.O. Box 267, Helmetta, New Jersey 08828.



Roy Risley, silversmith

SILVER JEWELRY MAKING – Lois Van Houten
(*Producing silver jewelry with or without stones*)
- Two hour in-school demonstrations for schools in Bergen or Passaic Counties. ($30 fee; grades 6 to 10; no more than 20 students; large table needed; help needed for loading and unloading)
- To contact, write: Lois Van Houten, 16 Harlow Crescent, Fairlawn, New Jersey 07410.

SILVERSMITHING – Aniello Schettino
(*Producing flatware, holloware and jewelry in silver*)
- Slide or film lecture within a short distance of his home (no actual demonstration).
- His work has been captured on a 28 minute color super 8 film: "Form in Silver."
- To contact, write: Aniello Schettino, 55 West Madison Avenue, Dumont, New Jersey 07628.

SILVERSMITHING – Joseph Tartas
(*Producing jewelry, tableware and sculpture in silver*)
- Twenty to thirty minute in-school demonstrations for schools in Passaic, Bergen, Essex and Morris Counties. ($35.00 plus travel expenses per morning or afternoon period, or on other basis approved by his school administrator; no more than twenty students; secondary school students or older; bench space needed, preferably with water and electricity; assistance desired in unloading tools and small equipment)
- Available for craft fair demonstrations sponsored by N.J.D.C., Northern Section (Fall, Bergen County), Peter's Valley Craftsmen (July, Layton), and First Mountain Crafters (November, location not determined yet).
- To contact, write: Joseph Tartas, 1204 Ringwood Avenue, Haskell, New Jersey 07420.

SOLDIER – Bergen-Passaic Military Historical Society
(*Lecture and demonstration: life as a continental soldier, with his weapons, camp gear, and uniform*)
- Twenty to thirty minute in-school demonstrations for schools in Passaic or adjacent counties. ($20 for a morning or afternoon; all ages; no more than 50 students at one time)
- To contact, write: Bergen-Passaic Military Historical Society, 98 Van Winkle Avenue, Passaic, New Jersey 07055.

SPINNING AND WEAVING – Cordelia Cafone
(*Spinning yarn and weaving cloth and rugs*)
- In-school demonstrations for schools in Sussex County ($20 minimum fee; $30 for a morning or afternoon; $40 for full day; grades 2 and up; no more than 20 students at one time, perhaps in half hour groups; needs 6' x 6' space).
- Demonstrates annually at Newton's "Americana Day" (November) at the Newton Museum (September), and weekends at Millbrook (June, July, August, October)
- Spins free for the schools in Montague.
- For local church craft days, requires mileage and lunch.
- To contact, write: Mrs. Cordelia Cafone, R.R. 1, Box 555, Montague, New Jersey – c/o Port Jervis, New York 12771.

SPINNING AND WEAVING – Carol Marshall
(*Spinning yarn, weaving material, making wall hangings and blankets*)
- Twenty to thirty minute in-school spinning demonstrations for schools in Warren County ($35 fee per demonstration or $45 for a morning or afternoon; grade four through grade seven; no more than twenty students; has suggestions for hands-on class activities for students; space needed for the spinning wheel and wool).
- To contact, write: Carol Marshall, 305 Center Street, Hackettstown, New Jersey 07840.

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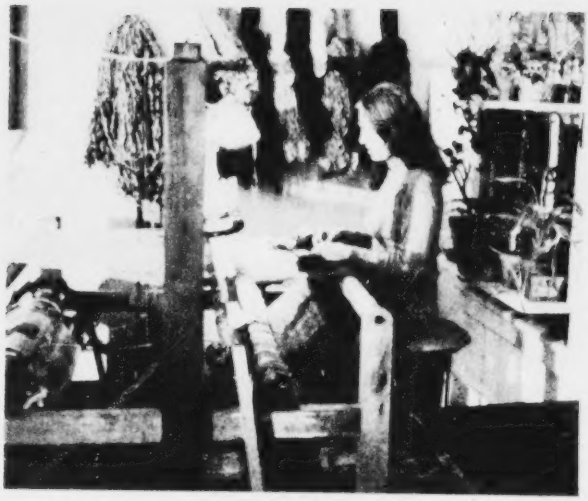


Carol Marshall, weaver

SPINNING AND WEAVING – Myrlie MissKelly
(*Traditional production of fabric*)

- Twenty to thirty minute in-school demonstrations for schools in South Jersey. ($125 per day; grades 3 and up; no more than thirty students at one time; exploration of the four natural fibers; children try the spinning wheel)
- Demonstrating year round at the Weaver's Cottage at Batsto near Hammonton.
- Usually demonstrates at the Middletown Folk Festival each June in Bodman Park, Middletown.
- To contact, write: Myrlie MissKelly, P.O. Box 4, Mauricetown, New Jersey 08037.

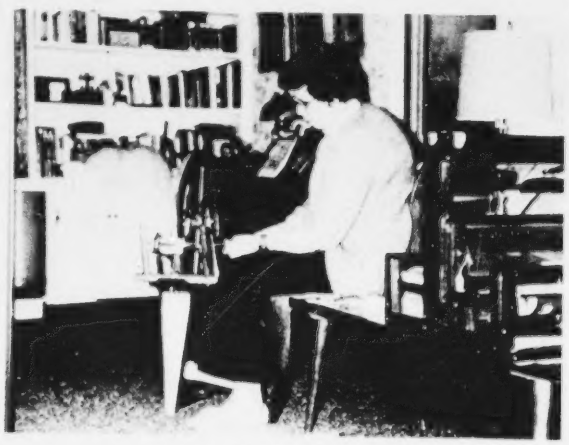
Myrlie MissKelly, weaver

SPINNING AND WEAVING – Rose Warta
(*Carding, teasing, drop spindling, wheel spinning, beginning weaving*)

- Demonstrating daily at Liberty Village in Flemington.
- Mini-course program available to six high school students at a time: 4:30 P.M.-5:30 P.M. each day for two weeks. ($20 per person, including materials; exposure and practice of fundamentals)
- For more information on the mini-course program, write: Mr. G. R. Benson, Jr., Educational Director, Liberty Village, Flemington, New Jersey 08822.

SPINNING, WEAVING, MACRÅME – Pauline J. Hyde
(*Producing fabrics from natural dyed and hand spun wool yarns*)

- Twenty to thirty minute in-school demonstrations for schools in Mercer or Somerset Counties within reasonable driving distance (with a few exceptions, $35 to $50 per demonstration or $100 for a morning or afternoon period; 8 years old to 80; no more than 25 students; eight square feet area plus a card table necessary; help necessary in unloading and loading loom and other equipment).
- Participates in: the Princeton Craft show and the outdoors street show of the Princeton Y.M.C.A.; annual craft fair in May at the Trent House, Trenton; and the craft demonstrations at Washington's Crossing, usually in the fall.
- To contact, write: Pauline J. Hyde, 9 Montgomery Road, Skillman, New Jersey 08558.



Pauline Hyde, spinner

Pauline Hyde, weaver

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STAINED GLASS – George Kunze
(*Leaded stained glass techniques for producing panels, windows, lamp shades, screens and jewelry*)
- Thirty minute demonstrations for any New Jersey school in his Red Bank studio ($20 per hour; grades 7 and up; no more than 15 students at once; parking nearby).
- To contact, write: George Kunze, Fair Haven Stained Glass, 3 East Front Street, Red Bank, New Jersey 07701.

George Kunze, stained glass craftsman

STAINED GLASS – Barbara K. Starner
(*Designing and producing Tiffany-style floral stained glass lamp shades, terrariums, wall candle sconces and hanging candle lanterns*)
- Twenty to thirty minute in-school demonstrations for schools in eastern Morris County. ($15.00 fee per demonstration or $25 per morning or afternoon period; 4th grade students or higher; no more than 25 students; one large table and two electrical outlets needed; unloading no problem)
- Thirty minute demonstrations in home workshop in Florham Park for schools in eastern Morris County. ($10.00 fee per demonstration; 4th grade students or higher; no more than 20 students; ample parking for a number of cars in long drive)
- Usually participates in the annual craft fair sponsored by the Morristown Unitarian Fellowship, Normandy Boulevard, Morristown held in late November.
- Sometimes participates in craft demonstrations at Washington's Headquarters – Ford Mansion between January and June.
- To contact, write: Barbara K. Starner, 3 Willow Way, Florham Park, New Jersey 07932.

STITCHERY – E. Victoria Gordon
(*Yarn stitchery for children*)
- Twenty to thirty minute in-school demonstration for schools in Somerset County. ($60 fee; grades one to six; no more than twenty-five students; provides for student participation; requests a cozy corner in the library or art room; needs help with unloading and loading)
- To contact, write: E. Victoria Gordon, 647 Grist Mill Drive, Basking Ridge, New Jersey 07920.

STITCHERY – Arlene Rosenblum
(*Producing wall hangings or pillows*)
- Twenty to thirty minute in-school demonstrations for schools in Morris and Union Counties. ($25 fee for a two hour morning or afternoon period; has suggestions for hands-on class activities)
- Thirty minute demonstrations at Short Hills studio for schools in Morris and Union County. ($25 fee; third grade and up; no more than thirty students)
- To contact, write: Arlene Rosenblum, 54 Old Short Hills Road, Short Hills, New Jersey 07078.

Arlene Rosenblum, stitcher

WEAVER – Lois Breslauer
(*Weaving of clothing fabrics, upholstery, curtains, rugs, wall hangings and pillows*)
- Demonstrations in her Westfield home for the schools of Westfield (no more than 15 at one time; will show six different looms, including one dated from 1810).
- Demonstrations regularly about every six weeks at the Miller-Cory House in Westfield.
- To contact, write: Mrs. Lois Breslauer, 657 Shadowland Drive, Westfield, New Jersey 07090.

WEAVER – Mrs. Lottie Speth
(*Hand weaving of textiles*)
- Twenty to thirty minute in-school demonstrations for schools throughout New Jersey. (any age students; each one will try the loom; assistance needed in carrying the loom and suitcases)
- Thirty minute demonstrations in her Wayne studio (any age students or adults; no more than twelve persons; parking nearby).
- To contact, write: Mrs. Lottie Speth, Handweaver, 6 Crane Terrace, Wayne, New Jersey 07470.

WEAVER, PAINTER, AND CHANDLER – Marion J. Batt
(*Producing fabric, candles, gold leaf frames, stenciled furniture, and decorated tin*)
- Thirty minute demonstrations in Cranbury studio. ($15 per demonstration; all ages; no more than 15 at one time; suggests combining this demonstration with a tour of the Cranbury Historical Society Museum within walking distance)
- To contact, write: Mrs. Marion J. Batt, 6 North Main Street, Cranbury, New Jersey 08512.

WEAVER AND DYER – Kumiko Murashima
(*A wide variety of techniques in preparing textiles*)
- Available for demonstrations to schools in Gloucester County.
- Have demonstrated at Glassboro State College and Peters Valley.
- To contact, write: Miss Kumiko Murashima, Glassboro State College, Department of Art, Glassboro, New Jersey 08028

Kumiko Murashima, weaver

WEAVER AND DYER – Helen S. Rose
(*Producing woven material for many uses*)

- Twenty to thirty minute in-school demonstrations for schools in Union County. (Fee to cover traveling expenses; grades four and up; no more than ten students; has suggestions for hands-on class activities; needs six square feet of space; needs assistance in unloading and loading hand looms, yarns, etc.)
- Thirty minute demonstrations in Plainfield studio for schools in Union County. (grade level and group size as listed above; parking for bus or cars nearby)
- Usually participates in Teen Arts Fair of Plainfield High School held annually in March.
- To contact, write: Helen S. Rose, 71 Parkside Road, Plainfield, New Jersey 07060.

Helen Rose, weaver

WOODCARVER – George R. Benson, Jr.
(*Carving an authentic early American pattern from wood*)

- Mini-course program available at Liberty Village to five high school students from 1:15 P.M. to 2:15 P.M. each day for two weeks.
- For enrollment and other information, write: Mr. G. R. Benson, Jr., Educational Director, Liberty Village, Flemington, New Jersey 08822.

WOODCARVER – Jason W. Kemp
(*Basic ornamentation in wood used in the pattern making, fashioning and repairing of furniture*)

- Display by appointment in his Rahway workshop of techniques with the pocket knife and regular woodcarving tools, for no more than three adults.
- To contact, write: Jason W. Kemp, 686 Central Avenue, Rahway, New Jersey 07065.

WOODCARVER – William E. Lewis, Jr.
(*Hand carving of wooden bowls and presentation of the history of wood and carving tools*)

- Has given demonstrations at the Day Mansion, at Morris County College, and at different locations sponsored by the First Mountain Crafters.
- To contact, write: William E. Lewis, Jr., 29 Laurel Avenue, West Orange, New Jersey 07052.

WOODCARVER – Albert Miller
(*Producing all kinds of wooden wall plaques and sculptures*)

- Prefers demonstrations at a public fair with large crowds; working on two or three items (no fee; much equipment must be moved in and out of a demonstration).
- Setting up a wood carving school in his own shop in Toms River.
- Ready with explanations, advice and equipment information about wood carving.
- Concerning his availability for demonstrations in New Jersey schools, write your proposal to: Albert Miller, 99 Pinewood Road, Toms River, New Jersey 08753.

WOODCARVER AND FURNITURE MAKER – Stanley D. Saperstein
(*Carving authentic reproductions of furniture*)

- Thirty minute in-school demonstrations for schools in Mercer County; $15 per demonstration or $50 per day; grades 5 to 12; no more than 25 students at once; has suggestions for hands-on class activities.
- Available for craft fairs in Trenton area.
- To contact, write: Stanley D. Saperstein, 3 Langmoore Drive, (Ewing Township) Trenton, New Jersey 08638.

WOODCUT PRINTING – William Murphy
(*Printing by woodcut as textile or art print*)

- Twenty to thirty minute in-school demonstration in schools in Middlesex, Somerset, or adjacent counties. (Mileage; grades 10 and up; no more than 40 students at once; large table required)
- To contact, write: William Murphy, 85 Bennington Parkway, Franklin Park, New Jersey 08826.

WOODWORKER – Charles C. Burke
(*Furniture without nails, bolts or screws*)

- In-school demonstrations for schools in Monmouth County ($50 per day; grades 9-12; has suggestions for hands-on class activities for students).
- To contact, write: Charles C. Burke, the Woodworker Inc., R.R. 1, Box 164A, Georgia-Tavern Road, Farmingdale, New Jersey 07727.

Charles Burke, woodworker

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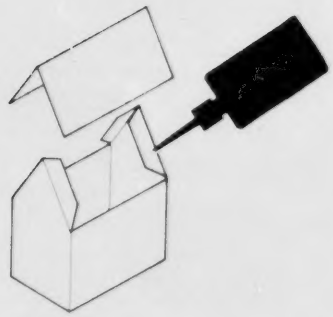
5. MODELS TO MAKE



Four types of models are described here to help students discover the background of how early New Jerseyites earned their livelihood: one provides an opportunity to construct a complete early American Village; a second is a model of an early New Jersey grist mill; a third is a model of a printing press in common use in the middle colonies/states for three hundred years and, the fourth is a variety of ship models. The first could be a group project; the others are essentially individual projects.

* *A Complete Eighteenth Century Village . . .*

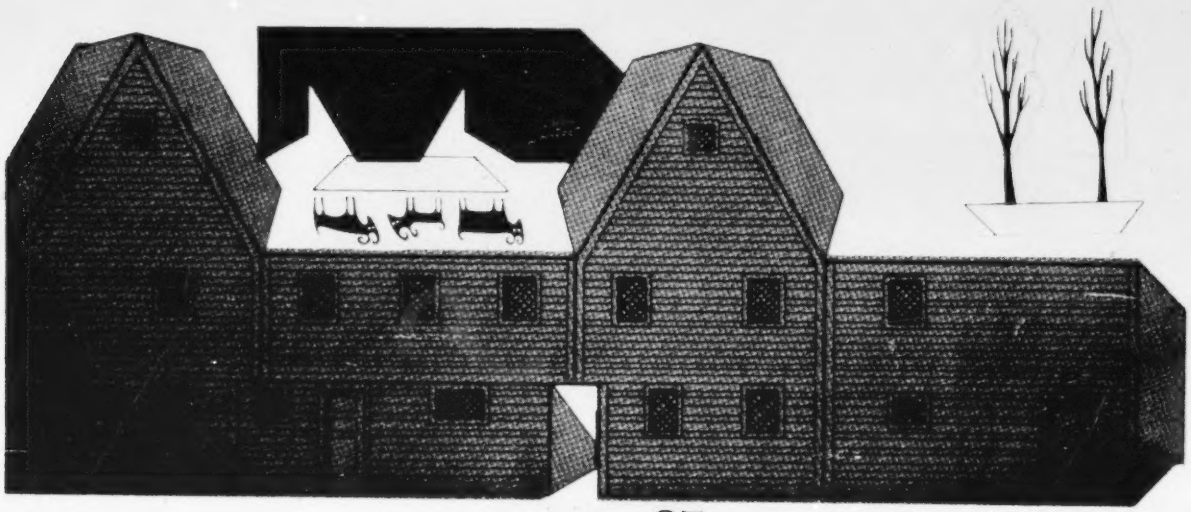
A book-kit entitled *Build your Own Early American Village* (by Forrest Wilson, Pantheon Books, 1973; 32 p.; $2.95) permits one to build an early New Jersey village by making a few alterations in the directions provided (which "as is" produces a New England Village). New Jersey villages -- depending on their location -- might have seen greater use of natural stone, shingles, a few log cabins (the Swedish influence), upland pastures not adjacent to the village, and a less rigid version of a village green and of deep narrow lots. The importance of a church, meeting house, parson and clustering together for protection would have been quite similar.

This New Jersey village requires creative decisions about lay-out. Helpful information for such decisions can be found in Chapter 5, "New Jersey in 1702; A Portrait of Society" in John Pomfret's new book, *Colonial New Jersey: A History* (Scribners, 1973).

Over a dozen buildings are provided, varying from houses and barns to small sheds. Fences, trees, and livestock are also provided. We suggest that your class decide on the "winter skills" of each householder and an appropriate way to mark his house to identify those skills. A large sheet of cardboard or plywood will be necessary if the layout is to have authenticity.

Nearly any age could work with the concepts and planning. However, some of the scissors work is difficult; some dexterous third or fourth graders may tackle it. Junior highs and senior highs should greatly benefit from the project also.

The author provides chapters on the structure of the buildings, on town organization, and on daily life. We found this book-kit in the Princeton University Store.



* An Early New Jersey Grist Mill . . .

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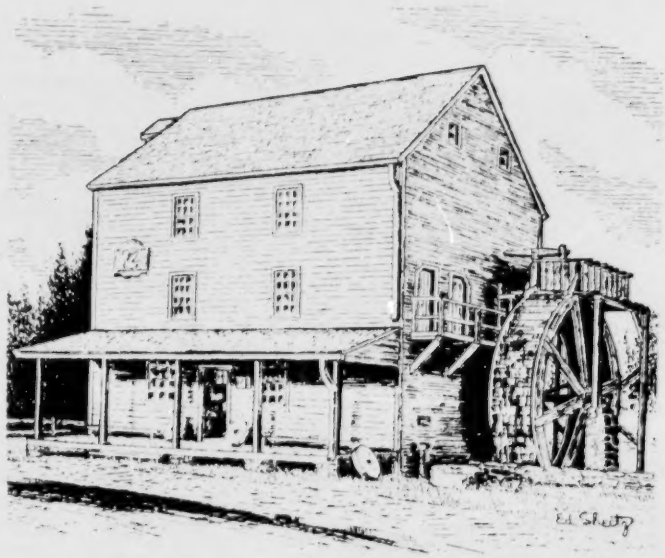
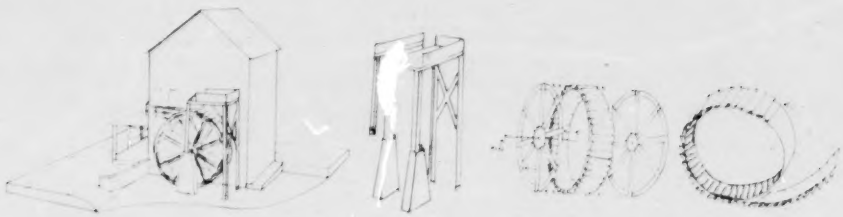
A three sheet kit entitled "Grist Mill, Smithville, New Jersey" permits one to build the model of an early grain grinding mill, and then go and visit the actual mill in Smithville, New Jersey, just twenty minutes from Atlantic City on U.S. Route 9. The mill, 175 years old, was originally operating in Sharptown, 45 miles away, and was moved to Smithville in 1960. John Weidler of Tuckahoe is the millwright who restored this mill to operation; he currently grinds three kinds of flour.

The scale of the model is 1" to 10 feet. Because careful cutting with a razor blade and careful folding are involved, perhaps middle school students would be the youngest appropriate for constructing it.

Here's an interesting problem to face when the model is completed: why does the water wheel revolve? Have the mill restorers forgotten to provide long extended sluices for the water? Was the mill originally over a stream? We suggest you make the model so it could benefit from the power of moving water.

This kit is available for $1.75 from Monte Enterprises, P.O. Box 2391, New Bern, North Carolina 28560. We found this kit in the Smithsonian gift shop.

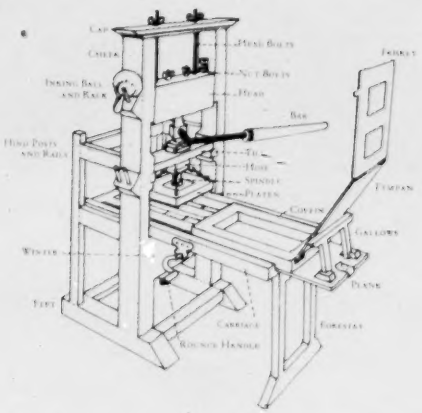




* A Wooden Printing Press Used in Early New Jersey Print Shops . . .

A kit for building an authentic early American printing press just six inches high makes an interesting project for understanding the printer's occupation. It took two men — a beater and a pressman — to ink the plate of type, insert the paper, and press the paper down on the type, using a gigantic screw mechanism. Books, newspapers and posters were all printed in this slow laborious way. This was probably the type of press used in Bridgeton in 1777 to publish New Jersey's first newspaper: *The New Jersey Gazette*.

The kit entitled "The Common Press," was authored by Elizabeth M. Harris of the Graphic Arts Division of the Smithsonian Institution. This kit, a large single printed sheet, can be purchased for 10¢ from the Gift Shop, the Smithsonian Institution, 1000 Jefferson Drive, S.W. Washington, D.C. 20560. Be sure to send plenty for postage too.



The complexity of the model's construction, and the use of technical names for parts suggests that older elementary or middle school is a realistic minimum for constructing this model. The use of the model in lower grades to illustrate the work of printing in colonial times seems desirable.

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*Ships Used Off New Jersey Shores

A variety of kits are available which represent ships once used off New Jersey shores or in our bays.

Local hobby shops have plenty of ship models for sale, but you will have to know your New Jersey history well to pick a model of a ship that was actually in use in these waters.

Merchant schooners, British men o' war, whalers, slavers, U.S. Revenue cutters, privateers, and river sloops were certainly common sights off our shores. And if these models are not available at your local hobby store, you may secure such kits from America's Hobby Center, 146 West 22nd Street, New York, N.Y. 10011. Send 50¢ for their catalog "Ships".

Colonial Schooner

RIVER SLOOP

According to expert historic ship model builder Richard Ensminger of Trenton, there are two excellent books you should use in choosing an authentic ship to build: (1) Jack Coggin's *Ships and Seamen of the American Revolution* (Harrisburg, Stackpole Books, 1969); and (2) Howard Chapelle's *The History of American Sailing Ships* (New York, [illegible]on, 1935).

New Jerseyites should also be aware that there is closeby a massive New Jersey Museum of Old Ships: it is the Atlantic Ocean, and hundreds of hulks are to be found there on the continental shelf. High school scuba-diving groups under careful supervision may investigate some of this maritime heritage. According to Walter and Richard Krotee (*Shipwrecks Off the New Jersey Coast*, Philadelphia, no specified publisher, 1965; 114 p.), New Jersey has the most interesting collection of shipwreck hulks in the world. And at least forty-four ships sunk before 1850 have been pinpointed off our shores by the Krotees' book.

PRIVATEER

U.S. REVENUE CUTTER

For the less energetic, model building may be combined with a trip to see the whaling and ship exhibits at the Cap May County Museum in the new Court House Building, Main Street, Cape May Court House, N.J. 08210. Curator Carl Dickinson (609-465-7111) provides tours for school groups and also has two publications for sale which are related to South Jersey's maritime history: *Steamboat for Cape May* ($3.75) and *Ho for Cape Island* ($5.50).

In deciding on a kit to build, be careful also about (1) the difficulty and time in assembling and finishing; (2) the cost; and (3) the size of the completed model (some measure three feet long and two feet high).

We weren't able to, but if you can locate an authentic model kit of a New Jersey canal boat, you could combine its building with a canoe trip on the Delaware and Raritan Canal. Bernard's Boat Rental at Kingston (924-9418) is an ideal point to begin a canal experience.

WHALEBOAT

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6. FUN THINGS TO DO IN LEARNING ABOUT EARLY NEW JERSEY HOME ACTIVITIES

Listed below are three suggestions related to early New Jersey home life that are group activities and that are on the fun side: a recipe for old fashioned wheat bread; a recipe for corn bread; and making corn husk dolls. They can involve whole groups of nearly any age. Obviously, the teacher must have some successful experience beforehand and carefully organize the participants, the processes, and the timing.

If you really get enthused about the cooking and baking, you may want to try such other early New Jersey foods as:

cranberry sauce
cranberry relish
fish or clam chowder
blueberry muffins
sour dough bread
corn mush
corn fritters
rock candy
turtle soup
eel
wild duck
venison
turkey
rabbit
apple pie
peach cobbler

* *Old Fashioned Wheat Bread (makes 2 loaves)*

5½ to 6 cups unsifted white flour
2 cups unsifted whole wheat flour
3 tablespoons sugar
4 teaspoons salt
2 packages dry yeast
2 cups milk
¾ cup water
¼ cup (½ stick) margarine
salad oil

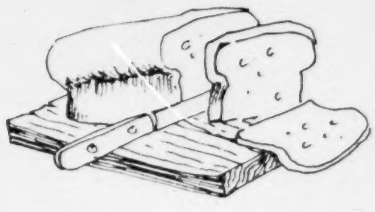
Combine flours. In a large bowl thoroughly mix 2½ cups flour mixture, sugar, salt, and undissolved dry yeast.

Combine milk, water and margarine in a saucepan. Heat over low heat until liquids are very warm (120°F.-130°F.). Margarine does not need to melt. Gradually add to dry ingredients and beat 2 minutes at medium speed of electric mixer, scraping bowl occasionally. Add 1 cup flour mixture. Beat at high speed 2 minutes, scraping bowl occasionally. Stir in enough additional flour mixture to make a stiff dough. Turn out onto lightly floured board and knead until smooth and elastic, about 8 to 10 minutes. Cover with plastic wrap, then a towel. Let rest 20 minutes.

Divide dough in half. Roll each half to 14 x 9-inch rectangle. Shape into loaves. Place in 2 greased 9x5x3-inch loaf pans. Brush loaves with salad oil and cover with plastic wrap. Refrigerate 2 to 24 hours.

When ready to bake, remove from refrigerator. Uncover dough carefully. Let stand at room temperature 10 minutes. Puncture any gas bubbles which may have formed with a greased toothpick or metal skewer.

Bake at 400°F. about 40 minutes, or until done. Remove from pans and cool on wire racks. Eat.



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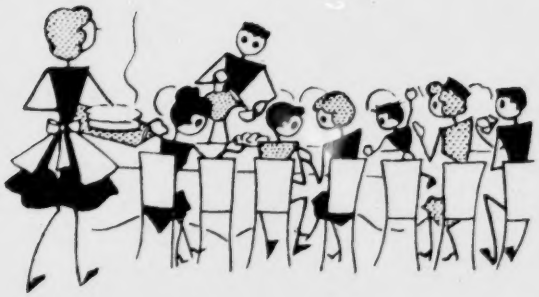
* Corn Bread

Sift into bowl:
- 1½ cup corn meal
- ½ cup flour
- 1 teaspoon salt
- 4 teaspoons baking powder

Beat together and add to dry ingredients:
- 2 eggs
- 2 tablespoons salad oil
- 1 cup milk

Mix
Spoon into muffin pans or 9x14 pan
Bake at 420° for 10-12 min.
Eat



* Making a Corn Shuck Doll

If you are not ready to lead your group in making a corn shuck doll on the basis of the directions found in the "Toy" sheet available for 25¢ from the Miller-Cory House in Westfield, you may wish to invest in a kit that will give you all materials and more detailed directions. Such a kit is available: "How to Make a Corn Shuck Doll" Kit for $1.50 from Blue Ridge Cottage Industries, Inc., Boone, North Carolina 28607.

Once you have learned the technique, you can secure corn husks near your community at low cost.

Corn husk dolls and other useful and decorative objects made from corn husks were common to both colonist and Indians of eighteenth century New Jersey, because this material was readily available, usually from the family's field.

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7. PRINTED RESOURCES HELPFUL FOR UNDERSTANDING NEW JERSEY'S HISTORIC OCCUPATIONS

by Edwin York

A. New Jersey Colonial Craftsmen Surveyed

Only two publications were discovered that dealt with a wide spectrum of New Jersey's early occupations: Walter H. Van Hoesen, *Crafts and Craftsmen of New Jersey* (Rutherford, N.J., Fairleigh Dickinson University Press, 1973; 251 p.); and Harry B. and Grace M. Weiss, *Trades and Tradesmen of Colonial New Jersey* (Trenton, Post Times Press, 1965; 143 p.). Each deserves careful introduction here.

1. CRAFTS AND CRAFTSMEN OF NEW JERSEY — By Walter H. Van Hoesen.

This admirable volume is the product of Walter Van Hoesen's forty-year search for source material concerning New Jersey's skilled crafts and craftsmen prior to 1830. He has much to tell. And he says it in an interesting way that demonstrates his love for his subject.

His chapter on early life and customs is a gem. His comments were especially helpful about the everyday workers, the first doctors, the first schoolmasters, the slaves, the architectures, and the varied national origins of the settlers. Among the many developments he reports, probably the most amazing is that 1100 mills existed in New Jersey by 1800.

Following such brief introductory chapters on historical and social backgrounds, he focuses on these ten types of early New Jersey skilled crafts:

cabinetmakers
clockmakers
chairmakers
silversmiths, pewterers, jewelers
glassmakers
potters
iron, brass, copper, tin and lead crafts
painting
carving
weaving, quilting and other home arts

Helpful appendices list craftsmen alphabetically under each type of craft, providing data on their location and the dates when they were actively working at their crafts. The information presented in these appendices, if tabulated by county, could have provided a helpful overview of the incidence of major skilled occupations in various sections of New Jersey before 1830. Lacking a county tabulation by Van Hoesen, this writer has prepared such a table and it appears below.

Although Van Hoesen's book does not attempt to cover all of the occupations in early New Jersey, he has dealt masterfully with ten skilled trades and provided key insights as to what it was like to live and work in New Jersey before 1830.

SKILLED CRAFTSMEN ACTIVE IN NEW JERSEY BEFORE 1830
REPORTED BY VAN HOESEN

CRAFTSMEN	COUNTIES																				
	Atlantic	Bergen	Burlington	Camden	Cape May	Cumberland	Essex	Gloucester	Hudson	Hunterdon	Mercer	Middlesex	Monmouth	Morris	Ocean	Passaic	Salem	Somerset	Sussex	Union	Warren	New Jersey Total
Cabinet Makers			2				11				1	6		2				1				23
Clock Makers			18	1		1	15	2		5	10	4	1	1			2	1		2	1	64
Chair Makers			3				4				2	2	4									15
Silversmiths and Jewelers			7		1	1	24				9	8	1	1			1					53
Glass Makers	3		8	12	1	12		20	3								2					61
Pottery and China Makers				2	1		12	1	4	2	31	13										66
Forges and Furnaces	3		13			2	1			4	1	1	2	14	7	6			7		4	65
Weavers							2		1	2			1					2	2	1	.	11

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2. *TRADES AND TRADESMEN OF COLONIAL NEW JERSEY* — By Harry B. and Grace M. Weiss

This publication is notable for two reasons: (1) specific examples of craftsmen throughout New Jersey were cited which would be meaningful to students in specific communities throughout the State; and (2) the authors have analyzed various official records for evidence of the range and incidence of various occupations existing in New Jersey during the seventeenth and eighteenth centuries.

Official records of East Jersey and West Jersey from 1664 to 1703 were analyzed by the Weisses to refer to 1,632 individuals in approximately 95 trades and occupations. Those mentioned ten or more times were:

- farmers and related workers
- carpenters
- merchants
- gentlemen (farmers with large holdings)
- weavers
- shoemakers
- tailors
- blacksmiths
- servants
- coopers
- mariners, seamen
- laborers
- bricklayers
- surgeons, physicians
- innkeepers
- shipwrights, shipcarpenters
- tanners
- butchers
- joiners
- clerks, clergymen
- wheelwrights
- whalemen
- millers
- clothiers
- masons
- sawyers

square

Nearly 70% of the 1,632 persons listed in those records were engaged in providing food or clothing.

In 1682, promotional tracts prepared by the Proprietors of the colony to encourage settlers to come to settle described East Jersey as a promising place for merchants, tradesmen, navigators, fisherman, and husbandmen.

On the basis of early newspapers and historical studies of specific New Jersey trades in the 1700's, ninety-five additional occupations were noted by the Weisses. However, during the eighteenth century, agriculture remained the dominant factor in the New Jersey economy.

The bulk of this Weiss volume consists in descriptions of the following occupations from 1664 through 1800:

- artist
- baker
- bell founder
- blacksmith
- brewer
- bricklayer
- butcher
- calico printer
- carpenter, joiner, cabinetmaker
- chimney sweep
- chocolate maker
- clock and watchmaker
- cooper
- distiller
- farmer
- glass blower
- hatter
- iron founder
- mariner

OCCUPATIONS BEFORE 1800 LISTED BY WEISS AND WEISS IN SPECIFIC NEW JERSEY COMMUNITIES:

Bergen County – iron works (p. 85); physicians (p. 91); tavern keeper (p. 122)
Bordentown – artist (p. 17); brewer (p. 25); hatter (p. 56); physicians (p. 91)
Bound Brook – baker (p. 20); hatter (p. 56); physicians (p. 91); silversmith (p. 113); watch repairing (p. 42)
Bridgeton – furniture maker (p. 37); physicians (p. 91); silversmith (p. 114)
Bridgewater – copper mine (p. 79, 136); furniture maker (p. 37)
Burlington – artist (p. 17); baker (p. 19); brewer (p. 25); clockmaker (p. 44); flaxseed (oil) mill (p. 68); metal workers (p. 113); nail maker (p. 88); nurseryman (p. 86); physicians (p. 90); potter (p. 93); printer, publisher (p. 95, 97, 99); shipwright (p. 105); silversmith (p. 113, 114); tanner (p. 117); weavers (p. 127)
Burlington County – iron furnace (p. 85); physicians (p. 90, 91); tanner (p. 119); tavern keeper (p. 122)
Elizabethtown – apothecaries (p. 139); baker (p. 139); bell founder (p. 20); blacksmiths (p. 139); brewer (p. 25); brick layers (p. 139); brickmaker (p. 139); cabinet maker (p. 139); carriage and coach painters (p. 139); clockmaker (p. 42, 44, 139); coachmaker (p. 139); cooper (p. 139); gristmill (p. 67); furniture maker (p. 37); harnessmaker (p. 139); hatter (p. 56, 139); merchants (p. 139); millwright (p. 139); nail maker (p. 88, 139); paper mill (p. 69); physicians (p. 90, 91, 139); potter (p. 94, 139); printer, publisher (p. 95, 98, 99); printing press maker (p. 100); saddler (p. 139); shipwright (p. 139); shoemaker (p. 108, 139); silversmith (p. 114, 139); tailor (p. 139); tanner (p. 117, 139); tinsmith (p. 139); weavers (p. 139); whaling (p. 128); wheelwright (p. 139); wiremaker (p. 139)
Freehold – clockmaker (p. 44); furniture maker (p. 36, 37); physicians (p. 91)
Gloucester County – physicians (p. 91); tar maker (p. 120); tavern keeper (p. 122)
Greenwich – furniture maker (p. 37); physicians (p. 91); hatter (p. 56); silversmith (p. 114)
Haddonfield – furniture maker (p. 37); physicians (p. 91); plaster mill (p. 72); silversmith (p. 114); tanner (p. 117)
Hunterdon County – butcher (p. 29); farming (p. 137); physicians (p. 91); tanner (p. 119); tavern keeper (p. 122)
Little Egg Harbor – fishing, oystering, clamming (p. 128); lumber and shipbuilding (p. 14); whaling (p. 129)
Morris County – distiller (p. 47); iron furnace (p. 85); physicians (p. 91); tanner (p. 119); tavern keeper (p. 122)
Morristown – cooper (p. 46); merchant (p. 63); physicians (p. 91); powder mill (p. 73); saddler (p. 112); silversmith (p. 114)
Mount Holly – brewer (p. 25); clock maker (p. 44); iron works (p. 136, 137); nail maker (p. 88); shoemaker (p. 110); watchmaker (p. 43)
New Brunswick – brewer (p. 25); chair maker (p. 37); chocolate maker (p. 41); clockmaker (p. 44); copper mine (p. 80); furniture maker (p. 37); hatter (p. 56); jeweler (p. 58); nail maker (p. 88); physicians (p. 91); printer, publisher (p. 95, 97, 100); silversmith (p. 114); whaling (p. 130)
Newark – brewer (p. 25); carpenter (p. 134); chairmaker (p. 38); flaxseed (oil) mill (p. 68); gravedigger (p. 134); gristmill (p. 67); iron founder (p. 13, 84); jeweler (p. 59); millwright (p. 134); nail maker (p. 88); physicians (p. 90, 91); printer, publisher (p. 96, 98, 100); sawyer (p. 134); shoemaker (p. 13, 107); silversmith (p. 114); splint maker (p. 114); stone cutter (p. 114, 115); tanner (p. 117); tavern keeper (p. 115)
Pemberton – mills (p. 14); nail maker (p. 88); physicians (p. 91)
Perth Amboy – artist (p. 16, 17); cabinetmaker (p. 38); lumber industry (p. 13); physicians (p. 90)
Princeton – chairmaker (p. 132); furniture maker (p. 37); hatter (p. 56); jeweler (p. 59); physicians (p. 90, 91); silversmith (p. 114); watchmaker (p. 43)
Salem – brewer (p. 25); cabinetmaker (p. 37); sawmill (p. 74); silversmith (p. 114); tanner (p. 117); watchmaker (p. 43)
Salem County – hatter (p. 56); physicians (p. 91); tavern keeper (p. 123)
Shrewsbury – bricklayer (p. 27); physicians (p. 51); watchmaker (p. 43)
Somerset County – physicians (p. 91); tanner (p. 119); tavern keeper (p. 123)
Sussex County – physicians (p. 91); powder mill (p. 74); tanner (p. 119); tavern keeper (p. 123)
Trenton – artist (p. 17); baker (p. 19); blacksmith (p. 22, 23); brewer (p. 25); furniture maker (p. 37); gristmill (p. 67); hatter (p. 56); iron plating forge (p. 82); jeweler, goldsmith (p. 59); merchant (p. 62, 63); mills (p. 19, 68); paper mill (p. 70); physicians (p. 91); potter (p. 94); printer, publisher (p. 95, 99, 100); saddler (p. 112); shoemaker (p. 110); silversmith (p. 114); steel furnace (p. 82); tinsmith (p. 123); watchmaker (p. 43)
Tuckerton – castor oil mill (p. 68); physicians (p. 91); shipwright (p. 106); whaling (p. 130)
Woodbridge – physicians (p. 90, 91); printer, publisher (p. 95); sawmill (p. 74); tanner (p. 117); watchmaker (p. 43, 44)

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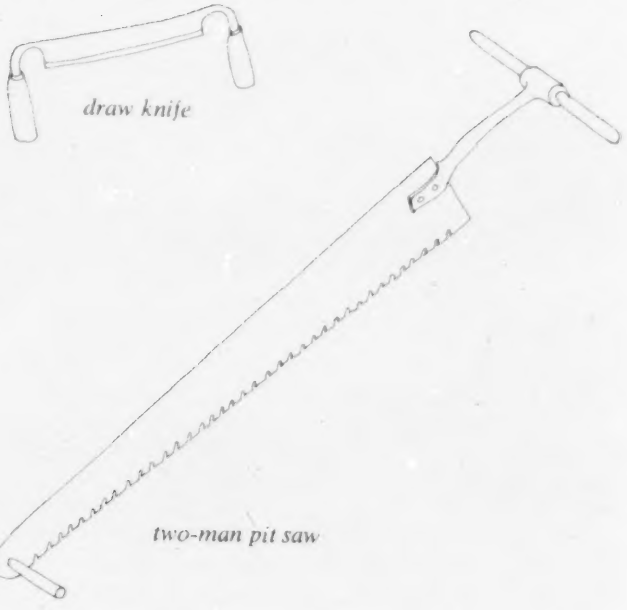
merchant
millwright
miller (fulling mill, gristmill, oil mill, paper mill, plaster mill, powder mill, sawmill or woolen mill)
miner (copper, iron)
nailer
nurseryman
pewterer
physician
potter
printers and publishers
saddler
salt maker
sawyer
shipwright
shoemaker
silversmith
splint maker
stone cutter
tailor
tanner
tar maker
tavern keeper
tinsmith
wagoner
weaver
whaleman
wheelwright

Although *Trades and Tradesmen of Colonial New Jersey* is a goldmine about occupations in specific New Jersey communities, the index is little more than a table of contents in alphabetical order. Missing is an index to the occupations by community or county. Such a tool has been supplied by this writer and it appears below.



draw knife

two-man pit saw

B. Sloane's Presentations of Early American Tools and Occupations

Eric Sloane's many illustrated books on the life of early America are both beautifully illustrated and historically sound. In addition he has breathed into them a sincere appreciation for the hand craftsmanship—frequently in wood—which marked the life of the early American craftsman. Three of these books deserve special mention here.

A Museum of Early American Tools (Funk and Wagnalls, 1964) is a guided tour to over one hundred tools in use in early America.

American Yesterday (Funk and Wagnalls, 1956) gives attention to great-grandfather's occupations as well as his church, his home and his town. The displaced New Jersey occupations of ice cutter, river jack, and wheelwright, are described.

A Reverence for Wood (Funk and Wagnalls, 1965) focuses on barn construction, cleared land, and wood as America's outstanding resource. This wide-ranging but perceptive book includes references to New Jersey cedar mining.

Squaring off the timbers.

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C. Tunis' Descriptions and Illustrations of Historic American Occupations

An outstanding illustrator of colonial occupations is Edwin Tunis of Shawan, Maryland. A first rate historian as well as a fascinating illustrator, he has done both the writing and illustrating for his excellent book *Colonial Craftsmen and the Beginnings of American Industry* (New York: World, 1965; 159 p.). Other helpful illustrations and texts are found in these three additional Tunis products: (1) *Frontier Living* (1961); (2) *Colonial Living* (1957); and (3) *The Tavern at the Ferry* (1973).

Tunis' *Colonial Craftsmen* provides hundreds of illustrations which can give reality to a class discussion of early American occupations. A reflected image of any of these excellent illustrations can be projected on a large screen using an opaque projector.

The following American occupations being practiced between 1620 and 1830 are described in *Colonial Craftsmen:*

blacksmith
cooper (barrel maker)
housewright
sawyer
joiner
miller
tanner
currier
fuller
cat whipper (shoemaker)
weaver
locksmith
gunsmith
whitesmith (tinsmith)
plumber
pewterer
coppersmith
silversmith
builder
cabinetmaker
wainwright (wagonmaker)
coachmaker
limner (portrait painter)
shipwright
potter
printer
papermaker
glassblower
brazier
clockmaker
ironmaster
tailor
chandler (candle and soap maker)
tinker
shopkeeper
barber
wigmaker
baker
apothecary
hatter
eyeglass seller
cutler
tobacconist
hornsmith
wheelmaker
bookbinder
weaver

Tunis also explains some developments of special interest to students of New Jersey history. For example, see page 76 to find out what was happening in New Jersey to explain why the first steam engine in America was smuggled in about 1753?

His most recent book, *The Tavern at the Ferry*, is valuable for our purposes because of its presentation of various occupations related to transportation and hospitality in the New Jersey and Pennsylvania region along the Delaware River north of Philadelphia. The work of using both river craft and overland vehicles are interestingly presented in great detail. Early Delaware River industries such as net fishing, lumbering, and iron mining and milling are also helpfully portrayed. Unfortunately, his major focus was on developments in Pennsylvania.

D. A Journal Illustrating Tools and Processes of Early American Industry

The Chronicle of the Early American Industries Association is a quarterly published since 1933 to:

"encourage the study and better understanding of early American industries in the home, in the shop, on the farm and on the sea; also, to discover, identify, classify, preserve and exhibit obsolete tools, implements and mechanical devices which were used in early America."

Necessarily technical, it should be of interest to teachers, senior high school students, and post secondary students in visualizing and comprehending the tools and processes of early American industry.

Order a subscription for $8 per year from:
John S. Watson
Treasurer, E.A.I.A.
Office of State History, Building 8
Rotterdam Industrial Park
Schenectedy, New York 12306

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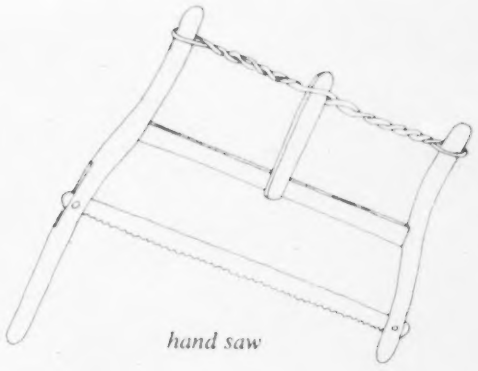

hand saw

E. Other Sources

Two other major types of publications concerning early New Jersey occupations should also be mentioned here: local histories; and books on single crafts. Space available here will permit only a brief comment about each type.

Local histories often provide information about early industries and occupations in one's home community that have a special relevance to a particular group of students. For example, *Under the Blue Hills: Scotch Plains, New Jersey* by Marion N. Rawson (1974; 180 p.; order for $5 from Historical Society of Scotch Plains-Fanwood, 1840 Front Street, Cannonball House, Scotch Plains, N.J. 07076) devotes an entire chapter on mills and millers, and in other chapters provides interesting background on early blacksmiths, coffinmakers, carpenters, cobblers and teamsters of that area.

Single-craft histories will attract some teachers and older students requiring many specific details. For example, those desiring detailed treatments of early New Jersey furniture makers will be satisified with nothing less than Thomas Hopkins and Walter Cox's *Colonial Furniture of West New Jersey* (Haddonfield, N.J., 1936). Or if someone would like to learn a great deal about the life of the early sailor off our coasts, he may want *Sailors of 1812: Life in the U.S. Navy* (17 p.; order for $1.00 from Charles K. Landis Publishing Co., 1136 South 7th Street, Camden, N.J. 08104).

NOTES ON "A NEW MAP OF NEW JARSEY AND PENSILVANIA"

(See back cover)

Robert Morden's map, published in London in 1688, is one of the earliest to refer to New Jersey by its present proper name.

All but one of the settlements noted on the map were located on a bay, river or creek – a fact which demonstrates the importance of waterways to the early colonist. Little was known of the back country beyond navigable streams and so the upper Delaware and Susquehanna are poorly defined. Note also that Lake Erie is shown far from its true location.

The area near *Hudson's R.* and its adjacent waterways shows a number of settlements including *N. Barbados* (Passaic) and *Bergen* (Jersey City) while to the south are additional settlements and waterways recognizable on modern maps. *Burning Hole* was an old designation of Barnegat Inlet.

On *Dellaware Bay* and *River*, present day Greenwich is designated as *Antioch* while *Elsingbourgh* indicates the site of a fort erected by the Swedes about 1643 when they claimed the area as "New Sweden," but abandoned soon afterward. Other old designations include *Pine Point* (Camden), *Bridlington* (Burlington) and *The Falls*, the name by which the general area around Trenton and Morrisville was known for many years.

Other localities has been settled by 1688 but some tracts were occupied only by single families or small groups and were either unknown to the cartographer or considered too small to be noted on his map.

F. SPENCER SMITH
Washington Crossing, Penna.

* * * *

Large (19" x 22") hand-watercolored copies of "A New Map of New Jarsey and Pensilvania" are available mailed in a tube for $10 from: F. Spencer Smith, Washington Crossing, Pa. 18977. This colorful map is beautifully tinted in six colors by Mr. Smith, a retired New Jersey state employee. After you have had it suitably framed, give it an honored place in your favorite classroom, library, office or den.

ACKNOWLEDGMENTS

Grateful appreciation is extended to the hundreds of persons who have contributed to this publication, most especially to: Mrs. Lynn Rogosky, Department of Education artist, for the cover; Donald Amiott, Division of Vocational Education, for his photography; Dr. Fred Dreves, Director of the Technology for Children Program; Bernard Bush, Executive Director of the N.J. Historical Commission; Mrs. Mary Scammell, Curator of the Trent House; Raymond Dey, Curator of the Dey Mansion; Dr. George Johnson, Director of Career Education, Salem City; Miss Joan Hull, N.J. Historical Society; Edgar L. Land, Director of the Museum of Early Trades and Crafts in Madison; Dorothea M. Connally and George R. Benson, Jr., of Liberty Village in Flemington; Mrs. Betty Pate of the Miller-Cory House in Westfield; Charlotte Gulliver, Curator of the Old Barracks in Trenton; The Jorgensens of the Volendam Windmill; Linda S. Smith, of the Clinton Historical Museum; Sally Watson of the Cumberland County Historical Society; Mrs. Burenga of the Black River and Western Railroad; Sally Francisco of Peters Valley Craftsmen; Richard Ensminger, Trenton ship model builder; the staff of the Office of Home Economics and Consumer Education, Division of Vocational Education, for their old-style recipes; and Mrs. Neva Sachar of Scotch Plains for her many helpful suggestions.

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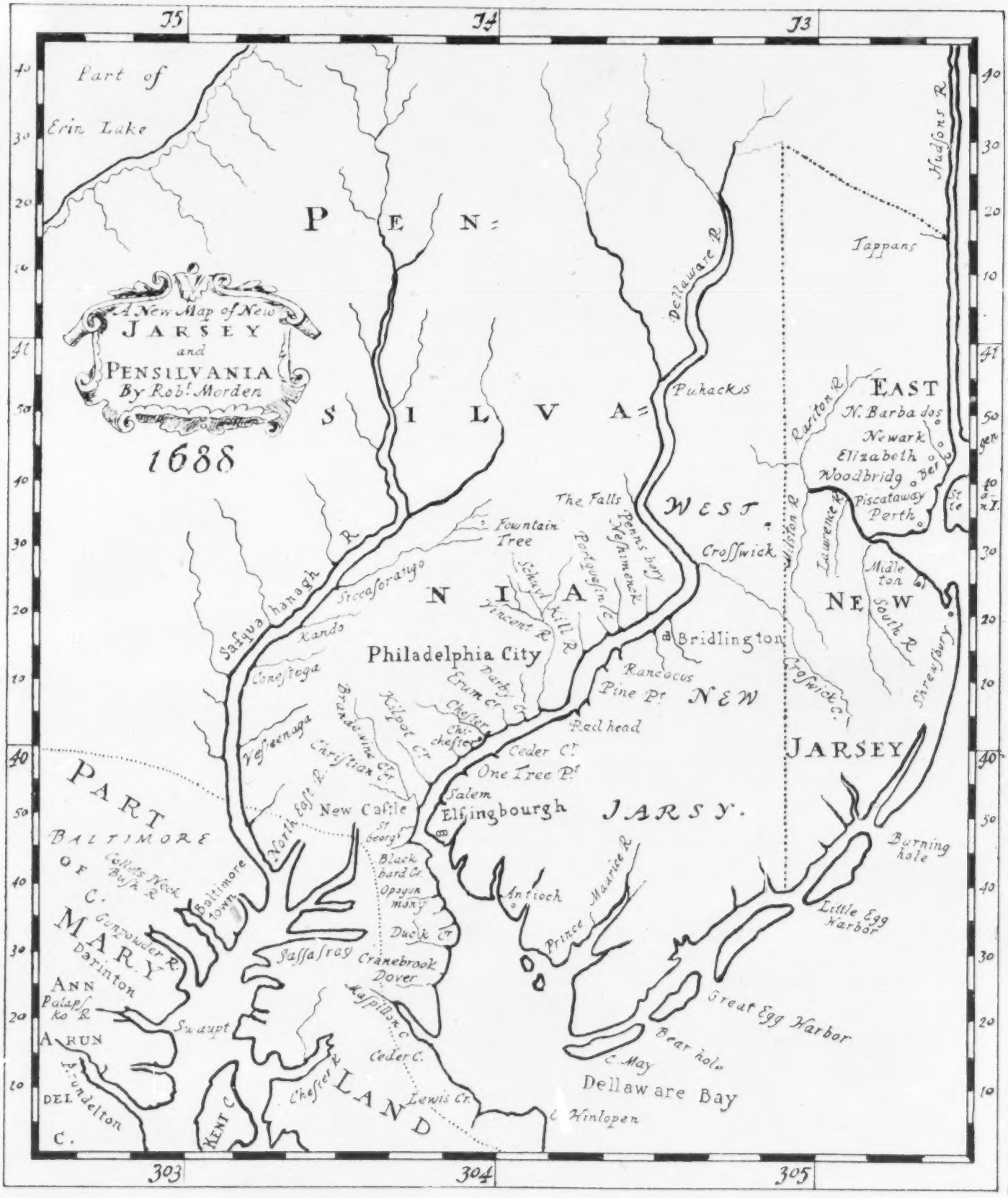

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